



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>

B49498 2

GENERAL LIBRARY of the
UNIVERSITY OF MICHIGAN

PRESENTED BY

Mayor of Grand Rapids

2/1/04



11/11/11

REPORTS OF OFFICERS
OF THE
CITY OF GRAND RAPIDS
MICHIGAN 123331

For the Year Ending April 30, 1901.



PUBLISHED BY AUTHORITY OF THE COMMON COUNCIL.



Compiled by LEO A. CARO, City Comptroller.



1901
WEST MICHIGAN PRINTING CO.
GRAND RAPIDS, MICH.

CITY OFFICERS—1900-1901.

EXECUTIVE DEPARTMENT.

	TERM EXPIRES
Mayor.....	GEO. R. PERRY.....1902
Mayor's Secretary	F. W. HUNTER *.....1902
City Clerk.....	ISAAC F. LAMOREAUX...1901
Deputy Clerk.....	FREEMAN S. MILMINE...1901
License Clerk.....	RUDOLPH DOORNINK....1901
Engrossing Clerk.....	BESSIE A. POWERS.....1901
General Clerk	MICHAEL COLLETON....1901

LEGAL DEPARTMENT.

City Attorney	LANT K. SALSBUURY....1901
Assistant City Attorney..	FRANK W. HINE.....1901
Law Clerk.....	ERNEST L. BULLEN...1901
Claim Clerk.....	W. D. PUGH .....1900

AUDITING DEPARTMENT.

Comptroller.....	LEO A. CARO.....1901
Bookkeeper	CLARA W. ARMSTRONG..1901
Assistant Bookkeeper....	ANNA SCHROUDER.....1901
Second Assistant....	ANNA McNAMARA.....1901
Tax Claim Clerk.....	CLARENCE E. BIGELOW. 1901

TREASURY DEPARTMENT.

Treasurer	MARCUS A. FROST.....1901
Assistant Treasurer.....	OSCAR E. KILSTROM ....1901
Bookkeeper	EDWARD DOOGE.....1901
Clerk.....	ERNEST F. HUBBARD....1901

*Died Dec. 14, 1900.

CITY OFFICERS.

BOARD OF POOR COMMISSIONERS.

TERM EXPIRES

Member	HERMAN H. IDEMA.....	1901
Member	ALBERT DAMSKEY.....	1901
Member	JOHN HULST	1902
Clerk.....	LEONARD DEPAGTER....	1901
Clerk.....	JOHN KREMERS.....	1901
Secretary.....	MINA ANDERSON.....	1901

CITY MARSHAL DEPARTMENT.

City Marshal	THOMAS J. GLEASON....	1901
Assistant City Marshal..	STANLEY JACKOWSKI....	1901
Bookkeeper	E. WIERENGA	1901
Special Clerk.....	HARRY STEWART	1901

ENGINEERING DEPARTMENT.

City Engineer.....	L. W. ANDERSON.....	.
--------------------	---------------------	---

MISCELLANEOUS.

Custodian of City Hall ..	CHAS. T. BRENNER.....	
Building Inspector	WILLIAM J. RYAN.....	1901
Plumbing Inspector	HENRY N. THOMPSON ..	1901
Milk Inspector.....	GEO. F. RICHARDSON...	1901

COMMON COUNCIL.

(Regular meetings every Monday evening.)

OFFICERS.

Geo. R. Perry.....	Mayor
Thomas Doran	President
Isaac F. Lamoreaux.....	Clerk
Freeman S. Milmine.....	Deputy Clerk
Lant K. Salisbury.....	Attorney
Thomas J. Gleason	Marshal

BOARD OF ALDERMEN.

WARD	TERM EXPIRES
1—Jacob P. Ellen, 77 Finney St.....	1902
1—James O. McCool, 56 Ellsworth Ave.....	1901
2—Peter DePagter, 597 E. Fulton St.....	1902
2—David Forbes, 34 Canal St.....	1901
3—John Muir, 59 Paris Ave.....	1902
3—Charles K. Seymour, 560 Cherry St.....	1901
4—Christian Gallmeyer, 60-68 N. Front St.....	1902
4—Malachi Kinney, 2 Clancy St.....	1901
5—John T. Donovan, 32 Page St.....	1902
5—Adrian Schriver, 29 Page St.....	1901
6—James Mol, 256 Hamilton St.....	1902
6—Abraham Ghysels, 42 W. Leonard St.....	1901
7—Charles H. Phillips, 321 First St.....	1902
7—Charles T. Johnson, 177 Third St.....	1901
8—Thomas Doran, 90 Summer St.....	1902
8—Frank S. Damskey, Western Hotel.....	1901
9—Joseph C. Shinkman, 293 Gold St.....	1902
9—Joseph Renihan, Tower Block.....	1901
10—Reyner Stonehouse, 209 Sigsbee St.....	1902
10—Harry C. White, 29 Huron St.....	1901
11—Frank E. Hodges, 617 Madison Ave.....	1902
11—Daniel E. Lozier, 699 Madison Ave.....	1901
12—Clark E. Slocum, 280 Ninth Ave.....	1902
12—John McLachlan, 26 Chicago Ave.....	1901

STANDING COMMITTEES.

1. Ways and Means—Doran, Slocum, McCool.
2. Claims and Accounts—Forbes, Seymour, Gallmeyer.
3. Streets—Hodges, Muir, Doran, DePagter, Schriver, Mol.
4. Buildings—Slocum, Kinney, Lozier.

5. Sewers—McLachlan, Ellen, Johnson.
6. Poor—Ghysels, DePagter, Damskey.
7. Lighting—Damskey, Renihan, McLachlan.
8. Parks—Phillips, McLachlan, Donovan.
9. Ordinances—Shinkman, Phillips, Schriver.
10. Health—Schriver, Renihan, Gallmeyer.
11. Bridges—Kinney, Hodges, Phillips.
12. Fire Department—Lozier, Damskey, White.
13. Sidewalks—Mol, Damskey, Lozier.
14. Licenses—Johnson, Mol, Donovan.
15. Market—McCool, Shinkman, Mol, Muir, Stonehouse.
16. Supplies—White, Ghysel, DePagter.
17. Water Supply—Muir, Renihan, Ghysels.
18. Charter Amendments—Renihan, Kinney, Doran, Slocum, Forbes.
19. Sale of Franchises—Shinkman, Stonehouse, Donovan.

Mayor's office hours from 9 a. m. to 5. p. m.

All offices in the City Hall open from 8 a.m. to 5 p.m.

Council meets every Monday evening at 7:30.

Committees meet every Thursday evening at 7:30
in the council chamber.

Mayor's telephones, Bell, 300; Citizens 157.

City Clerk's office, both phones 152.

City Attorney's office, both phones 126.

Marshal's office, both phones 676.

BOARD OF PUBLIC WORKS.

(Created by act of Legislature, March 22, 1873)

Dudley E. Waters, President.. Term expires May, 1901

Corey P. Bissell..... Term expires May, 1903

Charles A. Phelps..... Term expires May, 1903

Joseph Emmer Term expires May, 1902
 Orson A. Ball Term expires May, 1902
 Geo. R. Perry, Mayor Member ex-officio
 Wm. J. Sproat Secretary
 Barney Meyers Superintendent Water Works
 Barney Meyers Engineer Water and Lighting Plants
 Adolph Wurzburg Chief Inspector
 C. D. Stebbins Cashier
 John B. Greenway Clerk
 Merrill Wetzell Clerk
 Louis F. Hake Clerk

BOARD OF POLICE AND FIRE COMMISSIONERS.

(Created by act of the Legislature, May 24, 1887.)

Stephen A. Sears, President Term expires 1901
 Lewis A. Withey Term expires 1902
 Charles A. Hauser Term expires 1903
 Wm. H. Boyns Term expires 1904
 Dennis L. Campau Term expires 1905
 B. F. McReynolds Secretary
 Harvey O. Carr, Supt. of Police.. Appointed April, 1903
 Henry Lemoin, Fire Marshal. Appointed July, 1873
 M. G. Canfield, Supt. Fire Alarm
 Stenographer Lena Deitrich

BOARD OF HEALTH.

(Organized under Title VII, of the Charter.)

Chas. W. Calkins, President Term expires 1901
 W. A. Wilson, Secretary Term expires 1901
 Will DeLano, M. D., Health Officer.. Term expires 1901
 Malcom C. Sinclair Term expires 1902
 Joseph Poposkey, M. D. Term expires 1903
 Geo. R. Perry, Mayor, member ex-officio.
 Thomas Doran, Pres. of Council, member ex-officio.

CITY OFFICERS.

BOARD OF ASSESSORS.

(Organized under Title VIII, of the Charter.)

Fred B. Aldrich, President Term expires May, 1901
 Fred Saunders, Secretary Term expires May, 1902
 Frank W. Ball Term expires May, 1903

BOARD OF CEMETERY COMMISSIONERS.

(Created by act of Legislature, May 18, 1883)

H. G. Barlow Term expires 1903
 Frank E. Pulte Term expires 1901
 Henry B. Fairchild Term expires 1902

HIGHWAY COMMISSIONERS.

First District H. J. Brouwer
 Second District James Sherlock
 Third District Peter McIntosh

SUPERIOR COURT.

(Created by act of Legislature, March 24, 1876)

Judge Richard L. Newnham
 Clerk George D. Bostock
 Messenger Wm. H. Bonnell
 Court Officer Omar H. Provin
 Court Officer Robert Devitt

POLICE COURT.

(Created by act of Legislature, May 13, 1879.)

Judge Emanuel J. Doyle
 Clerk John Toren
 Bailiff Denton O. Sproat

JUSTICE COURT.

(Created by act of Legislature, April, 1883.)

Justice—Charles A. Watt ... Term expires July 4, 1903
 Justice—Harry A. Cowan ... Term expires July 4, 1904
 Clerk of Justices Court—Ralph Anderson.....
 Term expires May 1, 1901

BOARD OF EDUCATION.

(Created by act of Legislature, March 15, 1873.)

J. A. S. Verdier, President.
 Ed. H. Stein, Secretary.
 W. A. Elson, Superintendent of Schools.
 Therese Townsend, Asst. Superintendent of Schools.
 F. M. Davis, Treasurer.
 Lucy Ball, Librarian.
 George I. Davidson, Superintendent of Construction.
 E. H. Church, Supply Clerk.
 F. B. Fee, Truant Officer.

MEMBERS OF BOARD.

WARD	NAME	TERM EXPIRES
First	H. E. Locher.....	1902
“	Martin C. DeJager	1901
Second	Josephine A. Goss	1902
“	Edwin F. Sweet	1901
Third.....	Elvin Swarthout.....	1902
“	Alde L. T. Blake	1901
Fourth.....	Arthur C. Denison.....	1902
“	J. A. S. Verdier	1901
Fifth.....	Benn M. Corwin.....	1902
“	Henry E. Leffingwell	1901
Sixth	J. H. Joldersma.....	1902
“	John A. McColl	1901

CITY OFFICERS.

WARD	NAME	TERM EXPIRES
Seventh	Joseph Albright	1902
“	J. J. Blickley	1901
Eighth	Henry Riechel	1902
“	Frank E. Brown	1901
Ninth	Frederick Wheeler	1902
“	Madison J. Ulrich	1901
Tenth	John Rowson	1902
“	J. B. Hilliker	1901
Eleventh	Mary A. Phillips	1902
“	John A. Hoedemaker	1901
Twelfth	J. M. Wright	1902
“	Ed. H. Stein	1901

Hon. Geo. R. Perry, Mayor, member ex-officio.

(Regular Meetings of the Board are held the first Saturday of each month.)

ELECTIVE OFFICES.

The following officers are elected at the Charter election :

	TERM
Mayor	Two years
Aldermen	Two years
Clerk	Two years
Treasurer	Two years
Comptroller	Two years
Marshal	Two years
Judge of Superior Court	Six years
Clerk of the Superior Court	Two years
Judge of Police Court	Four years
Clerk of Police Court	Two years
Justices of the Peace	Four years
Clerk of the Justices Court	Two years
Constables	One year

APPOINTIVE OFFICES.

Private Secretary to the Mayor, appointed by the Mayor	
Members of the Board of Public Works are appointed by the Mayor	Three years
Members of the Board of Police and Fire Commissioners are appointed by the Mayor	Five years
One member of Poor Commission appointed by the Mayor	One year
Two members of the Poor Commission are appointed by the Mayor	Three years
Members of the Board of Assessors are appointed by the Mayor	Three years

The following appointments by the Mayor require
confirmation by the Council:

Members of the Board of Health	Three years
Cemetery Commissioners	Three years
Assistant Judge of the Police Court	One year
City Physician	One year
Building Inspector	One year

OTHER APPOINTMENTS.

City Attorney, appointed by Common Council.
 Highway Commissioners, appointed by Common Council.
 Milk Inspector, appointed by Common Council.
 Plumbing Inspector, appointed by Common Council.
 City Surveyor and City Draughtsman, appointed by
 Board of Public Works.
 Assistant City Physician, appointed by City Physician.
 Assistant City Marshal, appointed by City Marshal.
 Keeper of Supply Store, appointed by Poor Commis-
 sioners.

Clerks of Poor Department, appointed by Poor Commissioners.

Assistant Clerk of Police Court, appointed by Chief Clerk.

Bailiff of the Police Court, appointed by the Judge.

Health Officer, appointed by the Board of Health.

Custodian of City Hall, appointed by the Common Council.

Superintendent of Police and Fire Marshal, appointed by the Board of Police and Fire Commissioners.

Assistant City Attorney, appointed by the City Attorney.

Other Deputies and Assistants, appointed by the Heads of Departments.

MAYOR'S ADDRESS

TO THE RETIRING COUNCIL OF 1900-1901.

GRAND RAPIDS, MICH., April 30, 1901.

*To the Honorable, the Common Council of the City of
Grand Rapids, Mich.:*

GENTLEMEN—Tonight ends the fiscal life of another year of our city's history, and your honorable body, the Council, who has witnessed the death of the 19th and the birth of the 20th century will pass out of existence and a review of your most important acts should be made at this time, that the people whom you were placed here to serve may read in a condensed statement the result of your actions, and succeeding Councils may profit by your experience and advice. One year ago the plan was adopted of embodying in the Mayor's exaugural the reports and recommendations of the heads of departments and standing committees of the Common Council, and the same course will be followed this year as the results from the plan have been of great benefit.

The business of the municipality has been conducted with economy and there has been no clashing between the different departments, everything has run smoothly, and the entire force of city employees have ever worked for the city's good. The death of Private Secretary Francis W. Hunter last December was a loss to the municipality and a severe blow to all his personal friends. Accepting as he did the appointment under an administration whose political ideas he did not coincide with, he took up the work of the office and by his fidelity

to every trust and honesty of purpose, he more than saved the amount paid him in salary by exposing through investigation people who had been receiving free permits for years and forcing them to pay to the city the amount of their just license tax.

The office of secretary to the Mayor was created for business reasons, and in furtherance of that idea, the office should be a non-partisan one, and my next appointment will be from the ranks of the opposite political party, thus to a great degree keeping the Mayor's office from becoming the political headquarters of any party.

The reports of the different departments and standing committees of the Council will be reviewed as briefly as possible, consistent with the importance of the work accomplished, or to be accomplished in the future.

CITY FINANCES.

It is keeping strictly within the limits of the truth when the statement is made that our city's finances never were in better condition than they are today. The motto of the Committee of Ways and Means has been "Good finance does not tolerate either a deficit or a great surplus. It requires the income to balance the outgo, with a slight excess on the right side for emergencies." This has been the policy of this committee for the past three years and the manner in which they have handled it is best attested to from the fact that they have been able to meet all proper demands and also provide a loan to the Board of Public Works to cover the loss occasioned by the reservoir accident. Said loan being upward of \$30,000.

The new system of accounting, known as the Horner system, has become operative during the past year and has proved of great good to the municipality. We have

increased our daily balances in the bank and it has proved a source of protection to the city against loss, but it is not perfect, and the recommendations of Mr. Horner should be carried out to the letter. When they are, our city will be in the front rank of all cities of any size as far as our system of public accounts is concerned.

It was a wise provision made by your honorable body allowing the Ways and Means Committee, together with myself, to employ an expert accountant at any time and place him in any department of the city government and verify the accounts of that department, and it will be wise to continue in the same path and employ some one at times who is in no way connected with the municipal government.

The reports of Mr. Horner, City Comptroller Caro, and the Committee on Ways and Means are herewith submitted, and I earnestly hope that every one of you and the people you represent will give them careful study.

MR. HORNER'S REPORT.

Hon. George R. Perry, Mayor of the City of Grand Rapids, Mich.:

DEAR SIR—I herewith present to your Honor, as per your request, some recommendations necessary in order to make the present system of accounting inaugurated under the direction of your Honor, complete, accurate and up to date.

1. Centralize all taxes, general, special or otherwise, into one department, thus doing away with tax payers calling on five different departments to ascertain the amount of taxes necessary to pay, as is done at the present time.

2. All water bills after being made out by the water office should be paid to the City Treasurer; in so doing it would dispense with the office of cashier in the water works.

3. "Jackets," so-called, which are used by the courts of the city, should be furnished by your Committee on Supplies; after which they are forwarded to the Comptroller. The jackets being numbered consecutively by the printer, are charged to the different courts. By so doing, the jackets furnished, deducting the cases tried, which are shown by the cash deposited, will agree with the number of jackets in the courts' possession.

4. A system should be installed at the City Market whereby it would not be necessary to rely altogether on the honesty of the official in charge, which is the case at the present time. A simple ticket system could be devised and used to an advantage.

Hoping these recommendations will be given your kind consideration, and that the City Charter will be amended so as to allow the adoption of same, I remain,

Yours truly,

GEORGE A. HORNER.

CITY COMPTROLLER'S REPORT.

Hon. George R. Perry, Mayor, City:

DEAR SIR—In response to your request for a brief statement of the finances of the city and the bonded debt, I beg leave to submit the following:

One year ago, on the first day of February, a new system of accounting was inaugurated in the departments of this city's government. The most important changes in that respect were made in the Comptroller's department, inasmuch, as prior to that time we had no

detailed accounts of the receipts of the city. After fourteen months experience with the new system, I am happy to say that the system has proven itself of immense value to the city, especially that portion of it which permits us to furnish a daily trial balance as to the standing of the receipts and disbursements of the various funds, giving us an opportunity of determining at a glance the exact condition of the financial standing of the city. With one or two exceptions, there has been no friction between the departments on account of this new system, and with a few improvements which I will suggest to the Common Council in my annual report, and which I have no doubt the Common Council and yourself will approve, I think even the small amount of friction we have had in the past fourteen months will be done away with.

One year ago the bonded debt of the city was \$2,087,000—the bonded debt today is \$2,041,000, which is the lowest that the bonded debt has been for six years. The city's funds are in a fair condition, considering the extraordinary expense thrust upon the city through the accidental bursting of the reservoir. While some of the funds are lower than they have been for some years, the strict economy practiced by the Common Council during the past twelve months has avoided the necessity of borrowing any money, and with the first of May close at hand, and the consequential liquor license money soon to be received, if the same economy is practiced for the next two months, or until the new budget is in our hands, the city can get along without borrowing any money or the overdrawing of any funds.

Respectfully submitted,
LEO A. CARO,
City Comptroller.

WAYS AND MEANS REPORT.

Hon. George R. Perry, Mayor:

The Committee on Ways and Means have disposed of all the business referred to it during the year in a manner that has seemed satisfactory to the Council. A year ago, as advocated by the administration and recommended by this committee, a new system of bookkeeping was installed in the various city departments known as the "Horner System," which has been carried out during the past year and which has been a credit to the administration, and a great benefit to the citizens and taxpayers of this city, but it has also made a saving to the city over the previous years of several thousand dollars in interest from the daily balances.

We beg leave to submit the following figures as showing the difference in the interest account, viz:

July 1st, 1898, amount on hand.....	\$665,960 71
Amount of interest received on same.....	19,164 21
July 1st, 1899, amount on hand.....	602,940 83
Amount of interest received on same.....	16,957 47

Under the system inaugurated during the past year we received as follows, viz:

July 1st, 1900, amount on hand.....	\$303,909 14
Amount of interest received on same.....	19,716 12

Thus showing several thousand dollars more interest in 1901 than in either of the previous two years, while the principal computed on is only half as much.

Your committee further report that they would commend and are heartily in favor of raising, by direct taxation, water used for the fire hydrant, for the parks, for the cemeteries and for flushing sewers. Your committee believe that it is not right for the water consum-

ers to pay taxes for all the fire protection of the city, for the beautifying of the parks, for the use of water in the cemeteries and flushing sewers as aforesaid, for the reason that there are a large number of people in the city who receive direct benefits from its use who are not users of city water. Also there are a large number of people in the city who are not consumers of city water, but receive their water from a private corporation, and they enjoy equally the benefits of the use of the water as aforesaid, which should not be; but at this time your committee believes that the legislature is about to prohibit by amendment to the charter of the raising over one per cent. of assessed valuation of the city. Therefore it compels your committee at this time to refrain from placing in this year's budget money for the purposes aforesaid, but nevertheless, they desire to show the injustice of the practice of using the water for the purposes aforesaid, without paying for same; but the rate having been reduced by the Board of Public Works, this Council should certainly take action at an early date by placing money in the budget to pay for the water used as above mentioned.

The committee would recommend such charter changes as would enable the collection of taxes, both delinquent and others, to be centralized so that a person could ascertain the amount of all the taxes on a given piece of property from one office.

Amount of interest received from daily balances from May 1st, 1897 to May 1st 1901 :

From May 1, 1897 to May 1, 1898	\$14,177 83
From May 1, 1898 to May 1, 1899	19,164 71
From May 1, 1899 to May 1, 1900	16,957 47
From May 1, 1900 to May 1, 1901	15,116 12
April estimate.....	1,100 00

Amount due from Kent County Savings Bank

account \$100,000 00 loan from Sinking

Fund\$ 3,500 00

Balances in depository as follows:

May 1st, 1897.....\$234,100 48

May 1st, 1898. 505,608 12

May 1st, 1899..... 486,085 62

May 1st, 1900..... 569,042 71

April 19, 1901 470,801 58

Interest:

July 1st, 1900..... 303,909 14

July 1st, 1899..... 602,940 83

July 1st, 1898..... 665,960 71

THOMAS DORAN,

Chairman Ways and Means Committee.

CLAIMS AND ACCOUNTS.

In the appointment of two more important committees of your honorable body—Ways and Means and Claims and Accounts—I deemed it wise to make the one who should provide the money solidly democratic, and the one before whom every item of expenditure would come of the opposite political party. This, to a certain degree, being a check one on the other and placing the burden of responsibility on the representatives of all the people. The average citizen has little conception of the time the chairman of these two particular committees devote to the city's interest. In the case of Mr. Doran, as he is not engaged in active business, practically his entire time is devoted to the city's affairs. Of the work of Alderman Forbes of the Claims and Accounts Committee I cannot speak too highly. He has labored early and late, and I know with pecuniary loss to himself during the past year, and I desire to publicly acknow-

ledge the municipality's indebtedness to him and his committee for the painstaking care of all matters intrusted to their charge. The work has been exceptionally hard the past year, occasioned by the bursting of the Canal street water main and the reservoir accident. All claims were adjusted in a way satisfactory to all. The reading of the report will convince the most skeptical that the results of the work of this committee redound to their lasting credit. In the retirement of David Forbes from the Council, the city loses a most faithful public servant, and this honorable body a member who has ever held the respect, esteem and confidence of each and every one.

COMMITTEE REPORT.

Outside of the regular and usual work of the Council Committee on Claims and Accounts, we have during the past year assisted officially in two very important municipal questions.

In assisting the Board of Public Works in settling amicably all claims against the city by reason of the breaking of the city reservoir, and the bursting of the water works main in Canal street, your committee were actuated only by a spirit of fairness to all concerned and by a very strong desire to avoid litigation on any claim. Suits at law on claims of this character are, in one respect at least, like the breaking of the reservoir—it is very difficult to guess at the result. It may be true that in some cases we recommended amounts in excess of that recommended by the adjusters employed by the board, but perhaps we had a clearer perception of the result of a failure to agree. It was not our province to criticise methods nor to attempt to fix responsibility; we were face to face with a condition and met it the best we could.

It is no secret that the chairman of the committee was earnestly in favor of reaching an amicable adjustment of the so-called McKee claim in regard to the market site, and it seemed eminently proper that such facts should be noted in this report. Beyond a mere statement or question, however, it might not be proper to discuss the question, as the whole subject matter is before the courts. Suppose that at the end of several years of litigation the city wins all suits which may be brought touching the matters at issue, will not the unsightly and disease-breeding hole be there then? Will we not need railroad facilities on the island then? Will not the boundary lines still be unsettled?

Outside of the matters mentioned above we have considered and reported upon thirty claims. Of this number twelve were for accidents on streets and sidewalks, but of this twelve, seven were disallowed and five were compromised. The total cost to the city of the five payments made was \$238.41, and out of the seven claims which were disallowed suit has been commenced in only one instance, that of Seddie Zibble, who claims to have been injured on a sidewalk on Pleasant street. This suit was commenced while the claim was in the hands of the committee.

Respectfully submitted,

DAVID FORBES,

Chairman.

STREETS.

The paving of a city's streets and alleys and the keeping them in repair is one of the important municipal problems that confront the officials, and while great progress has been made the question is still unsettled. The work of the street committee has been very satisfactory

and each year brings an increased amount of work for the committee. If I were to make any suggestions it would be along the line of the paving of all the alleys in the business district and doing it this year, and that a start be made for the maintaining of a street repair department to be paid for out of the several highway funds.

COMMITTEE REPORT.

Hon. George R. Perry, Mayor:

The Council Committee on Streets have had an exceptional busy year in the one now about to close. We have investigated and reported upon 150 different subject matters: twenty-two of this number were in regard to petitions or resolutions for new work on street improvement. Out of the twenty-two so considered we recommended eleven improvements as necessary. Not all street improvement resolutions are referred to the street committee, however.

We are inclined to believe that in years to come the people of Grand Rapids will appreciate the action of the Common Council of last year in establishing the conduit ordinance. It was just the thing to do. During the present year we have had many requests for permission to set poles and string wires in public streets, both within and without the conduit district. In all cases where permission has been granted, the same has been hedged about with regulations and subject always to the provisions of the conduit ordinance. This matter should be carefully guarded in the future.

We have urged the removal of all dead and unused poles in all streets; they are unsightly and dangerous, and should be removed, especially if old and decayed;

yet a due regard of personal rights must be observed and no unjust or unreasonable order made.

The committee refused to recommend the granting of franchise rights to maintain waste paper boxes on down town street corners. Similar requests have been made in years past, and a similar request will probably be made next year. The committee unanimously reported against this proposition for reasons stated in the report. These boxes would be as much out of place in an up-to-date city, as are banners strung across the street, the maintaining of which we also discouraged and which should be forbidden entirely.

During the year the Mayor called the attention of the Common Council to the need of repairs on certain macadam streets. The matter was referred to the Committee on Streets for investigation. Obviously there are three ways which this work can be paid for: First, by an assessment roll. Second, by private subscriptions, and third, out of the highway funds. In either event the matter should be handled so far as the Council is concerned by the several aldermen of the wards. We therefore approve of the idea and recommend that the question be so referred.

About the most difficult class of problems with which we have had to deal is to determine the kind of improvement for streets, where the property owners cannot or will not agree. We have had several of these cases this year, and have done the best we could with each case, although in no instance, strange to say, have we been able to please everybody. From present indications, however, the most satisfactory result of the year came from our recommendation as to the material for Sheldon street improvement. It seemed to the committee that block asphalt pavement could be as easily

repaired as brick, was softer than brick and harder than sheet asphalt; the blocks would not chip on the edges like brick, not disintegrate and crumble like sheet asphalt, in fact, that this material combined the best qualities of the better paving material. The indications are that Sheldon street is permanently improved.

The question of dust, especially on paved business streets, is a serious problem, and in so far at least as our city is concerned unsolved. It is possible that a less expensive method may be found, but we venture the prediction that hand cleaning through the day, and heavy, flushing through the night must be finally adopted.

Respectfully submitted,

F. E. HODGES,

Chairman.

BUILDINGS.

The report of the Building Committee is full of good recommendations and they should all be carried out.

Two years ago this committee commenced to renovate the City Hall and the work accomplished speaks for itself. No city in the country keeps its city buildings in as cleanly a condition and as tidy in appearance as does our city, and the little that it costs is fully repaid by the commendation and words of praise of all visitors.

COMMITTEE REPORT.

Hon. George R. Perry, Mayor:

The Common Council Committee on Buildings respectfully report that, conforming with the general demand for reduced expenditures, they have refrained

from finishing the general line of repairs recommended in our last annual report. The committee are of the opinion, however, that during the ensuing year the lower and upper corridors of the city hall should be painted and decorated the same style as are the other corridors of the building.

One very large item of expense in maintaining the City Hall is lighting. We see no reason why the building should not be wired and the several entrance corridors and the larger rooms supplied with arc lights, and we recommend that the same be done, and at once.

For about thirteen years "Len" and his hydraulic elevator have been "elevating humanity." "Len" seems to stand the work much better than the elevator, and in the very near future either expensive repairs will have to be made to it, or a new elevator will have to be installed. If it should be decided best to make repairs, we recommend the installation of our electric motor for power. Before the winter season it will be quite necessary to make extensive repairs to the boilers in the City Hall, and we recommend also that the sidewalks about the building be repaired, and that some slight retouching and rejointing be made in the stone work about the building. The sanitary condition of the basement of the City Hall is far from being what it should be, the closets should be taken out and replaced with new ones, and a general overhauling of the system made.

Respectfully submitted,

C. E. SLOCUM,

Chairman.

SEWERS.

Next in importance to the air we breathe and the water we drink is the proper sewerage of a city. As

long as we are allowed to pollute the streams of our state by using them as open sewers, the question of sewerage disposal will be easily disposed of, but at the expense of the health of the inhabitants who may be so situated as to be compelled to rely on a polluted stream for their water supply. The question will have to be met, however, for all states are commencing to realize the importance of keeping all their rivers free from contamination, and Michigan will not be behind in this respect, so with this in mind all sewers should be built in the future with the idea of carrying all sewerage to one common point, and when the day comes when municipalities will be compelled to dispose of their sewerage in a sanitary way, the money spent on sewers now will not be in any way wasted.

COMMITTEE REPORT.

Hon. George R. Perry, Mayor:

Complying with your request for an annual report from the Council Committee on Sewers, we wish to say that we do not deem it in our province to give statistical information, but rather a very brief statement of the more important matters which we have had under consideration.

We have recommended the construction of sewers in the following streets, viz: Hilton street, Carlton avenue, Donald street, Rumsey street, Junction street, Cedar street, Bates street, South Diamond street, West street, West Leonard street, Pearl street alley, and the reconstruction of the old sewer in South Division street from Prescott street to First avenue, thence in First avenue to Central avenue, thence in Central avenue to Pleasant street, thence in Pleasant street to South Lafayette street..

It seems to the Committee that this reconstruction is quite necessary. The present sewer was constructed in 1879, at a time when there was very little improvement east of Morrison avenue. It is proposed to build a new and larger arch on the present concrete foundation at an expense of about \$9,000.00. The district to be assessed will of necessity be very large and the individual burden very light. The improvement should be made.

One resident on Madison avenue complained of an overflow of the sewer but on investigation it was decided that a reconstruction of the sewer was unnecessary. We recommend the construction of back traps to obviate the difficulty.

Our recommendation in regard to the obstruction in South Fuller street sewer has been complied with and the poplar trees standing in the street have been cut. This class of trees are a great nuisance under ground, and of but little use above ground. The ordinance relative to planting poplar trees should be strictly enforced.

Respectfully submitted,

JOHN McLACHLAN,

Chairman.

POOR.

The charter change creating the Board of Poor Commissioners made the appointing of the standing committee on Poor of the Common Council unnecessary, but it was thought wise to continue the committee as one of the regular standing committees as something might occur that would more properly come before a Council committee than an appointive board, and it so proved when our sister city Galveston sent in their appeal for aid and relief. This appeal was turned over to

the Committee on Poor with President Idema of the Poor Commissioners as chairman, and nobly did they perform their work, and the result of their labor must be most gratifying to all citizens whose response to their solicitations were both prompt and with that generosity for which the Grand Rapids citizen is noted. The Poor Department has not been run as economical as it might be. We are spending too much in salaries in proportion to amount of aid rendered and the expense account must be reduced by reducing the force in the office, and this I shall recommend and carry out.

COMMITTEE REPORT.

Hon. George R. Perry, Mayor :

During the past year your Committee on Poor has had no matter of great importance for said committee to investigate. However, this committee has carefully investigated and given such matters that have been referred to them that needed their attention and investigation.

They are glad to report that the Poor Department of the city during the past year has been in your committee's opinion carefully and judicially handled, and that the system inaugurated that has come under the supervision of your committee has been carefully and well carried out, and your committee believe that there are less poor people in this city now that require the attention and services from the city than has been for several years past.

The most important matter that was referred to this committee was the matter of the Galveston sufferers and the same was given attention at once, and the citizens of this city responded in donations highly satis-

factory to your committee, showing the public spirit of our citizens towards their friends in distress.

Your committee at this time has nothing of interest to recommend. Respectfully submitted,

ABRAHAM GHYSELS,

Chairman of Committee.

To the Honorable, the Mayor and Common Council :

We have the honor of submitting to you in a compiled form for your consideration the business transacted in this department during the last year.

At the beginning of the fiscal year April 18, 1900, the Committee on Ways and Means seemed wise to place to the credit of this department \$18,000.00. The Board of Poor Commissioners had been compelled previous to that time to make two loans, one in February, 1900, for \$2,500, and the other April, 1900, for \$2,000. The loans had to be made good first out of the \$18,000.

We have expended the last fiscal year, from April 18, 1900, to April 18, 1901, \$16,016.40, of which the biggest item appears to be for wood—namely 2,271 cords, amounting to \$4,468.40. There were other heavy expenses such as hospitals and the several homes, bill amounting to \$2,720.42. The merchandise for the supply store and the drug bills amounted to \$2,817.76. The salaries of the officers to properly conduct and carry on the business, together with the City Physician's salary, amounted to \$4,350. Leaving only the sum of \$1,659.82 to the credit of this department to pay the additional expenditures, such as burials, board and care, books and printing, cemetery commissioners, opening and closing graves, clothing, shoes, fresh milk, nursing, office supplies, transportation and all other miscellaneous expenses. We also had thirty-two families more on our

list than last year, mainly for temporary aid in the way of wood: the long winter and lack of work had its effect on this department, but still with the stringent plan of investigation we were able to do justice to the worthy ones in providing them with the necessary wood and provisions, as well as caring for the sick and distressed.

We have not been compelled to borrow any money this year, but as the fiscal year ends the 18th of April each year, and the budget provided for will not be replenished until the 1st of July, we would therefore recommend that your Committee on Ways and Means will see fit to place sufficient means to our credit to carry this department to July 1st, 1902. We will also state that the matter of expense to the taxpayers has always been secondary in our minds; we know that your honorable body and the citizens and taxpayers of Grand Rapids are always desirous that the poor should be sufficiently provided for, and that the Poor Committee have been criticised for not expending more.

Respectfully submitted,

ALBERT DAMSKEY.

LIGHTING.

The enemy of municipal ownership of public utilities cannot fail to acknowledge the good results obtained in this city by the building of a municipal lighting plant, both financially and in point of better lights. It is an indisputable fact that our city is better lighted with more lights and better lights at a saving to the municipality of approximately \$20,000 per year under city ownership. Money should be placed in the budget to extend the lighting system to many parts of the city, and I especially recommend the lighting of all alleys in the down town districts. The Lighting Committee

should remain as one of the regular standing committees, and all petitions for additional lights should go to the committee for investigation, report to be made to the Board of Public Works with recommendations from the committee. The powers of the board were not intended to be absolute; and they do not so desire, but wish to work in harmony with the Council, without whose aid the money would not be forthcoming to make the necessary additions to the service.

COMMITTEE REPORT.

George R. Perry, Mayor:

There has been more than the ordinary requests for low electric lights during the past year, and we are not in a position to say but that every request was made in the utmost of good faith and with a view that all that was asked for was an actual public necessity.

Under the present conditions the Board of Public Works have practically absolute control of the lighting system, and the duties of the Committee on Lighting are advisory merely. With this in view and also in view of this particular fund we were in a position to order only a very few of the lights asked for. During the next municipal year it is probable that funds will be provided for a reasonable extension of the lighting system, and it will require tact and considerable investigation to distribute such additional lights among the several wards where most needed. During the present year requests and resolutions for lights have been referred a part to this committee and a part direct to the Board of Public Works, thus creating confusion and possibly some misunderstanding which should be avoided. Inasmuch as the board has the final disposition of these matters it would seem more proper that all resolutions

and petitions should be referred to the Board of Public Works, and the relation between the Board and the Common Council Committee on Lighting should be of such a character that before any request for a light be refused that the committee be called in for consultation and reasons given for such refusal, and such matters investigated and agreed upon jointly.

We feel that we should say in this report that the general public, so far as we are able to learn, are more than pleased with the electric light service, and that municipal ownership of public lighting facilities is a success in Grand Rapids.

Respectfully submitted,

F. S. DAMSKEY,

Chairman.

PARKS.

Our entire citizenship are proud of the Public Parks of Grand Rapids and it is to be regretted that at this time we cannot see our way clear to place sufficient money in the budget this year to carry out the ideas of improvement to be made in all the parks; such being the fact, it would seem to be the better plan to take one park this year and complete that and next year complete the improvements of another. All the plans laid out for Antoine Campau Park should be completed early this season and all details finished; walks built, the lagoon completed and the waterfall built. The municipality cannot afford to allow the improvements in this park to lag, and they must be brought to completion, and I would suggest the name of the park be placed in the stone walk at the four corners of the park.

The music in the parks must be continued and the amount appropriated should be increased at least suf-

ficient to in some measure pay the "Mail Carriers' Band" for their kindness in giving several concerts last year in the different parks free of expense to the city. We could not donate them any amount last year as the fund was exhausted, but let us be just and provide for it this year.

COMMITTEE REPORT.

Hon. George R. Perry, Mayor:

The last annual budget contained an appropriation of \$22,225.00 for the improvement and maintenance of the entire park system. Out of this appropriation we were required to pay an indebtedness or overdraft of \$4,950.00, leaving but \$17,175.00 for use in the entire system. It can hardly be expected that we can report much improvement on so small an allowance, but with the utmost economy and by close application we have made a showing of which we are not ashamed. It seems hardly necessary at this time to make a plea for increased appropriations. The people of our city generally request it and such a request should be sufficient. The public interest in parks is increasing. The people generally are demanding more holidays and more and better places at which to enjoy such days; and too, the demand is more general for quiet places, places not surrounded by the mercenary influences of corporate properties and places maintained solely for profit. Our city should not be behind its sister municipalities in supplying this public need. Judging from the number of visitors to our parks the committee have reason to believe that their efforts during the past year have been appreciated, although we have been able to make practically no improvements except in "Antoine Campau Park." In this park, owing to the favorable season, we

were able to save about \$900.00 in expense of sodding, the experiment of seeding having proven eminently satisfactory. During the coming season it is proposed to push the construction of the lake and waterfall and to build stone walks adjoining Seventh and Eighth avenues. The trees and shrubbery are in splendid condition. We are proud of Antoine Campau Park.

In John Ball Park it is proposed to build drives and walks through the north forty in order that the wild land therein may be seen and better appreciated. This is a most excellent site for a park and its development should be commenced.

The western half of Lincoln Park is most entirely unimproved, the construction of the lake in this park is hardly commenced. The improvement should be finished and a systematic planting of shrubbery at least commenced.

In our annual report we had occasion to remark that the so-called "Rustic" work in parks was proving unsatisfactory. It rots and deteriorates so rapidly. This fact is more apparent this year than ever before. In the future if necessary, structures of this character should be fewer in number and of a more substantial character.

We are pleased to say that the Sunday afternoon concerts in John Ball Park have been very much appreciated by the visitors and the movement should be encouraged. Arrangements should be made for occasional concerts in Fulton Street Park and in Antoine Campau Park.

Speaking of concerts reminds us that our full duty would not be done without publically and officially extending our thanks and appreciation to the Mail Carriers' band for free concerts given by it during the last

season. The public is under obligation to this organization.

We have found the construction of macadam drives to be money well invested. This method of improvement should now be considered beyond the experimental stage and become the regular order. The strong feature of the work is permanency.

In making this report to you, we desire to extend to you and through you to the several members of the Council our appreciation of the uniform courtesy and evident confidence extended to and imposed in us. It is no small matter to have charge of the park system of Grand Rapids and we trust we have not been unmindful of our responsibilities.

Respectfully submitted,

CHAS. H. PHILLIPS,
Chairman.

ORDINANCES.

The work of the Committee on Ordinances has been most satisfactory. The business transacted by this committee for the past year has been the most important in years and the work has been performed in a manner that calls for more than the usual endorsements. The rights of the municipality have been fully protected in every ordinance granted, and grantees have been used fairly and with exact justice. The recommendation of the committee that ordinances that are obsolete and inconsistent be repealed is a sound one and should be fully looked into by the incoming Ordinance Committee.

COMMITTEE REPORT.

To the Honorable, the Mayor:

SIR—Your Committee on Ordinances have had a

rather important year. Franchise ordinances have been passed and approved, which provide for three separate and distinct interurban railways. In this respect the Common Council of 1900-1901 has made a record which will probably not be equalled for some time. A franchise ordinance was also granted the Central Station Heating company, but it has been forfeited by default.

There has been the usual number of applications for ordinances, some of which were concurred in, and others denied. It has been the policy of the committee, rather to hold down the number of ordinances, and discourage the passage of new ones, unless it seemed absolutely necessary; as there are already many ordinances which are obsolete and inconsistent. And we would recommend that the incoming Committee on Ordinances take up the question of repealing such ordinances as the city attorney advises are impractical, unnecessary and defective.

We herewith give a summary of ordinances passed and approved during our term;

Central Station Heating Company—Forfeited.

Grand Rapids Railway Company—Grandville avenue extension.

Grand Rapids Railway Company—West Leonard and Carrier streets extension.

Grand Rapids, Grand Haven and Spring Lake Interurban.

Electric Wiring—Amendment.

Sidewalk—Amendment.

Automobile.

Grand Rapids Transfer and Junction Company—Renewal.

Fire Arms, etc.—Amendment.

Respectfully submitted,

J. C. SHINKMAN, Chairman.

HEALTH.

The report of the Committee on Health and the Health Officer of the Board are very interesting and disclose a very satisfactory condition of the Health Department. No city of our country can show as small a cost for the work performed. Our plan of collecting and cremating our garbage has met with the endorsement of every official and all sanitary engineers who have visited our city to inspect the plant and mode of collection. There is one change that should be made as soon as practicable, viz: The city to collect the garbage and collect it from every and all parts of the city. This, however, will entail a cost which the city at present cannot provide for, but possibly can by the time of expiration of the contract, August 1st, 1901.

COMMITTEE REPORT.

Hon. George R. Perry, Mayor:

Complying with your request for a brief statement of the work done by the Committee on Health, we wish to say, that in common with other committees appointed to consider subject matters generally under the control of boards, our work has been very light.

The most important work in which we have been engaged has been to investigate and report upon orders issued by the Board of Health directing immediate sewer connections as a necessary health measure, it being necessary under the charter for such work to be done under the direction of the City Marshal in order to charge the property with the expense. In each instance of this nature we made a careful investigation and determined according to the state of facts found.

We find that the greatest opposition to orders of

this character comes from landlords rather than from small owners who reside on the property.

Respectfully submitted,

A. SCHRIVER,
Chairman.

HEALTH OFFICER REPORT.

To the Honorable, George R. Perry, Mayor:

As per your request I hereby transmit to you a condensed report of the work done in the Health Department during the past year:

INSPECTION OF FOOD PRODUCTS.

Along this line inspections have been frequent, covering both premises and stock of markets where perishable food products were offered for sale. The result has been good, in that numerous cases have been brought to light where such articles of food were in market and from such inspection were condemned and destroyed.

SANITARY INSPECTION.

The total number of sanitary inspection orders served by the inspectors of this department during the year was 7,616. In response to these orders there were cleaned 5,500 vaults with a total of 20,522½ barrels of night soil and up to and including April 12th, there were made 306 sewer connections.

There were during the year 1,206 special complaints received at this office, each one of which was individually investigated and the necessary orders served for the abatement of the various nuisances which prompted the complaints.

The plumbing inspector who has been working un-

der the direction of this department since about December 1st, 1900, has made up to and including April 15th, 497 inspections. From April 1st to April 15th, 60 permits for plumbing work were issued by the department and the amount collected as fees during that time has been \$51.48.

The value to this city of systematic plumbing inspection cannot be estimated and by the value of such will certainly be felt in the improved sanitary condition resulting from it.

BACTERIOROLOGICAL LABORATORY.

During the year there have been made in this branch of the department 84 examinations on order of the Health Officer for the purpose of verifying diagnoses.

This work has been of inestimable value to the city in clearing doubtful diagnosis in contagious cases and is a branch of the department work which I believe is appreciated by our physicians.

It is proposed this year to extend the work of the laboratory so as to include the thorough examination of water and milk, both chemical and bacteriological.

CITY HOSPITAL.

The City Hospital has cared for 39 patients during the year. Of these cases 23 were smallpox and 4 smallpox suspects.

The 39 patients were cared for a total of 826 days at a cost for board of 50 cents each day or a total cost of \$413.

There are some much needed repairs at the Hospital which it is hoped may be made during the coming year, a description of which is contained in my report to the Common Council.

CONTAGIOUS DISEASES.

During the year there were reported to this department of all varieties of contagion a total of 990 cases.

While the total number of cases reported is lower than usual, it is a remarkable fact that of this number 538 or 54 per cent. of all the cases were of the more severe cases of contagion for which this department imposes a quarantine.

During the previous year out of 2,757 cases of all forms of contagion reported only 270 or less than 10 per cent. were of the diseases for which this department imposes a quarantine—viz: Smallpox, scarlet fever, diphtheria and membranous croup. Adding to the number of quarantined houses, the houses that were in quarantine because of smallpox exposures and it is found that the department had in quarantine during the year 500 houses, or more than twice as many the as previous year.

SMALLPOX.

At the opening of the municipal year there were on hand three cases of smallpox. From that time until April 24th, there have been reported to the department 29 cases, making a total for the year of 32 cases.

It has been the aim of this department to leave not a stone unturned to keep this disease from us as thoroughly as possible and in order to do that we followed along the lines of vaccination, isolation and fumigation as being the three things necessary to stamp out the contagion. As a result of our efforts in this direction many thousand were vaccinated last spring and we felt that we were very fortunate in seeing the end of our spring epidemic of the disease on July 16th.

From that time until November the city remained free from the disease. Since November we have had 11 cases from 8 distinct and separate outbreaks. At this time, April 24th, there were two cases in the city. That we are most fortunate must be admitted for smallpox exists at this time at more than 100 places in the state.

The rigid precautions taken in this disease have contributed very largely to the increase in the expenditures in this department. The cost of vaccine, etc., was \$375.00; formaldehyde for fumigating, \$300.00. The cost to guard quarantined houses for smallpox was \$3,778.00, making a total cost for smallpox approximately \$5,000.00.

SCARLET FEVER.

During the year we have quarantined for scarlet fever 374 houses. Of the families quarantined it has been necessary for this department to support 53. The cost for the care, medical attention and supplies for these families has been \$1,127.00.

The number of scarlet fever cases has exceeded by far any previous year in the history of the department.

DIPHTHERIA AND MEMBRANOUS CROUP.

There were reported of the above named diseases 137 cases during the municipal year just closing, and in each case the usual rigid quarantine was maintained.

Out of the families quarantined it was necessary for this department to support 22 at a cost, for medical attention, nursing and care, of \$379.88.

Of the other forms of contagion typhoid fever has in each case been carefully investigated with a view to arriving at the cause of the disease and the general

sanitary condition of the premises in all these cases carefully looked after.

After deaths from consumption houses have been fumigated.

GARBAGE.

The year at the Creamatory has been most successful and satisfactory. We have burned during the year 10,855 tons of garbage, 25 horses, 6 cows and 233 dogs. The total cost to run the burner including all repairs, fuel and salaries has been \$4,234.50.

Deducting from this the repair bill, which the year previous was very small, the burner being new, we find the actual cost for fuel and salaries to have been \$3,730.16, or a fraction less than 30 cents per ton.

With the repair bill the cost per ton to burn was 38 cents. That the relative cost to burn garbage decreases as the amount burned increases is well shown by a comparative statement of this year with last. We estimate that there were burned this year about three times as much garbage as last while the cost to run, exclusive of the bill for repairs, is less than the year previous.

I believe the cost of cremation could be still further reduced if we were prepared to sift, store and market the ashes.

Respectfully,

W. DeLANO,
Health Officer.

BRIDGES.

The venerable chairman of the Committee on Bridges retires from the Council with the love and respect of every member; and he retires after having won a long and hotly contested fight for his pet project—the widen-

ing of the approach and building of the Bridge street canal bridge. This much needed improvement will in all probability be started in the near future. I have been withholding my signature to the contract hoping something might be done looking towards the improvement of the river as contemplated by the water power owners; but there seems to be no hope of this and the contract will be executed as soon as satisfactory bonds for its fulfillment are filed.

COMMITTEE REPORT.

Hon. George R. Perry, Mayor:

We are very sorry that we are unable to report the completion of the much talked of and much needed arch at Bridge street. The retiring chairman hopes to live to see the day when this improvement shall be made. Surely it is needed.

The city paid \$670.13 for repairs, maintenance, etc., on its bridges during the past year and \$650.00 for cleaning, making a total expenditure of \$1,320.13.

The following is an approximate estimate of the amount of money for repairing the city bridges from May 1, 1901, to May 1, 1902, not including new structures other than at Bridge street.

Sixth street bridge	\$ 1,825 00
Fulton street bridge.....	1,255 00
Pearl street bridge	800 00
Bridge street bridge	650 00
Masonry arch over Coldbrook at Taylor street	400 00
<hr/>	
Total.....	\$ 4,930 00

The amounts opposite Sixth and Fulton streets includes the lumber already contracted for. The iron

work of these bridges should be given a thorough inspection, and all the iron work beneath the floors cleaned and repainted.

Bridge and Pearl street bridges will need considerable repairing to the planking during the coming year, and plank should be purchased to replank them another season. Money for the purpose is included.

The masonry arch over Coldbrook creek has partially fallen in, the foundation is undermined, and the arch as a whole is in an unsafe condition. Repairs should be made to this at an early date.

Respectfully submitted,

M. KINNEY,
Chairman.

POLICE AND FIRE.

The work of this committee has resulted in great gain to the municipality and should and probably will receive the endorsement of the entire community. The chairman states that he was placed at its head charged with the duty of settlement with the street railway for maintaining crossing patrolmen. He was, and as he and his committee have performed the duty imposed, I will pay them the best compliment I can, by imposing a duty on the incoming committee of which Alderman Lozier will be chairman, viz: Securing the payment of the salaries to the policemen and firemen twice each month. This is no more than justice demands and it must be brought about.

The recommendations of the Police and Fire Board that the pay of the patrolmen and firemen be increased 10 per cent. should be and undoubtedly will be concurred in by the incoming Council. The management of the "Twin Departments" is a cause of just pride to

most citizens, but to the man who thinks \$2.00 a day big wages the raise in pay will be a very bitter tasting pill, but I am pleased to be instrumental in administering it, as I am positive it can only result in good, and the example set by the municipality may in turn be followed by private corporations.

COMMITTEE REPORT.

Hon. George R. Perry, Mayor:

When this committee was appointed, your Honor remarked that Alderman Lozier was placed at its head charged with the duty of asking a settlement with the Street Railway Company for its share of maintaining crossing patrol. Whether the remark was in jest or earnest, the settlement has been made and approved by the Council. The facts relating to this matter are too well known to permit of mention in this report. Indeed in at least one ward the question was an issue of the last campaign. We have mentioned this matter at this time by way of report. Our position needs no further justification. We consider the matter settled in an eminently fair, just and equitable manner, some paid-every-week-quill pushers to the contrary notwithstanding.

In recommending an increase of 10 per cent. of the wages of the rank and file of the members of the "Twin Departments," the Board of Police and Fire Commissioners have inaugurated a movement which should receive the support of the Common Council.

We desire to call your attention to another matter of special interest to the patrolmen, which has come under our observation during the past year. It seems that the Board of Police and Fire Commissioners have directed that all uniforms must be purchased at one

store or made at one tailor shop. This may be necessary as a matter of discipline, but it does not appear to be hardly fair to employes at least, and it certainly is an expensive method of discipline for the officer. A patrolman's uniform at present costs \$86.50; some of the larger items being, dress coat \$25.00; overcoat, \$32.00; coat, \$15.00. We question the exact fairness of this regulation.

We hope and confidentially expect that the time has come for an era of more cordial relations between the Common Council and its officers and the Board of Police and Fire Commissioners. This Board has its well defined duties and powers, it is true, but it is a subordinate body, nevertheless, and should at least be cordial in its relation with other departments. The combination of circumstances which give rise to the official expression of "cheap Alderman" should never have been allowed.

Respectfully submitted,

DANIEL E. LOZIER,

Chairman.

SIDEWALKS.

The aldermen of the different wards cannot be too particular in the matter of regular inspection of the sidewalks of their wards, and the ordering of repairs or new walks where necessary. This Council has broken the record in regard to new walks and the work should be continued. A good share of the damage suits against the city are the result of poor sidewalks, and the alderman who fails in his duty to make a careful inspection of his ward is open to censure.

COMMITTEE REPORT.

Hon. George R. Perry, Mayor:

As usual the principal work of the Council Commit-

tee has during the past year been a court of arbitration, so to speak, between the City Marshal and property owners. Of the reports made, seven were relative to granting an extension of time to property owners who were ordered to construct walks. In this matter we have endeavored to be fair and have granted time only in those cases where the request was based upon some special state of facts which could not have been known when the order was made.

Property owners generally are beginning to realize that the day of plank walks is past and that public and private interests are best served by building permanent walks.

JAMES MOL,
Chairman.

LICENSES.

This committee has had an uneventful year. Their work has been eminently satisfactory and no citizen has just cause for complaint. The saloon license will ever be a bone of contention with some; during the past year several licenses were refused for good and sufficient reasons, and the same policy will be pursued during the coming year as has been in the past.

COMMITTEE REPORT.

Hon. George R. Perry, Mayor:

The work of the Council Committee on Licenses has, as usual, been of an everyday routine nature. With us there is generally but one question—license or no license. It is very seldom, in fact never, on contested questions, that we have been able to please all parties at interest, which of itself, although not surprising, has its lessons. The license committee might be made up of junior aldermen.

In each of these matters we have tried to be fair and impartial, realizing that there are two sides to every question, especially to the question of the location of a saloon. We may have been mistaken—mistakes frequently happen—but we assure you that if we did they were errors in judgment and not arbitrary conclusions. During the year we have passed upon a large number of requests for transfers; we have pro rata licenses. Attempts have been made in the past to regulate these matters arbitrarily, but such attempts have for various reasons failed. Each request has its peculiar circumstances, and each must be heard and passed upon separately. The present license ordinance, while generally satisfactory, has many disappointing features. It may be said, perhaps, to be an implification of the old adage that "Too many cooks spoil the broth." It should be revised and the objectionable features removed. Representative Vander Cook has introduced a bill in the present legislature defining the licensing powers of the city and adding a general welfare clause to the charter. If this bill passes, and there is no good reason why it should not, the license schedule, when revised, should be kept within the charter limits.

Respectfully submitted,

CHARLES F. JOHNSON,

Chairman.

CHARTER AMENDMENTS.

Two years ago I had hoped that at this time our city might have been granted the right to make or amend its own charter, but such things are not to be; on the contrary, the power of self government is to be still further removed from the people if the machinations of a certain few with the connivance of Loomis and Burns

count for all that is expected of them. Loomis is an adept in passing questionable legislation. He passed the bill releasing the County Treasurer of Kent county from making a detailed report of money received from city tax rolls. When asked why such a bill was passed, he declines to discuss it. It was a move in the dark and for no good to the city; but it was passed on the quiet and never became known until a statement was demanded in detail and refused at first but furnished later. Two years after the bill became a law, \$248 was saved to the city government by demanding this detailed statement, and if Deacon Loomis could have had his way our city government would have been that much poorer. The recommendations of the Committee on Charter Amendments deserve the careful consideration of all members of the Council, and I still think it advisable to continue the committee as one of the regular standing committees of the Council

COMMITTEE REPORT.

Hon. George R. Perry, Mayor :

Complying with your request of April 3, 1901, I herewith as chairman of the Committee on Charter Amendments transmit to you the report of said committee on matters referred to it:

First—File No. 7498 Old Council Proceedings refers to the question of devising means of reducing the city printing bill. This committee reported, file No. 9533, by reference thereto will appear a condensed table showing the cost of city printing during the past ten years. This question, by reason of its great and increasing cost as well as its being an indispensable requirement, is now of more than ordinary importance to the city.

The resolution of Ald. Doran, file No. 9566, our report, 9598, relative to securing an amendment to the city charter requiring certificate of "taxes paid" it received the approval of this committee and is a measure also of great importance, and out of it has sprung a bill now pending in the Legislature at Lansing to regulate the recording of certain conveyances of real estate in Kent county, and although it is not to be denied to be in the interests of this city, I am informed that it has met opposition and antagonism from certain members of the legislature from this city.

In re the resolution of Alderman White, and the communication from the Board of Public Works (file Nos. 9638 and 9656,) respectively report, in a degree favorably by the committee; file No. 9694, as to this measure, I do not know that any further steps have been taken.

Communication from the Trades and Labor Council file No. 9513, reported by this committee file No. 9804, and by the Council transmitted to our representatives at Lansing, up to this time I am not informed whether any further action has been taken relative to this measure.

The resolution of Ald. Shinkman, file No. 8852, has not been reported, as your committee has not thus far fully considered it.

The communication of W. J. Stuart, file No. 9940, an amendment to the charter covering this, is now before the legislature and, I am informed, that the bill is amended so as to require the concurrence of five-sixths vote of the Council instead of two-thirds as recommended by this committee.

The communication of his Honor, the Mayor, file No. 9147, relative to an amendment to the franchise held

by the Grand Rapids Hydraulic company, was favorably reported out by this committee (see file No. 9941.) I have been unable thus far to find where anything has been done at Lansing that will give us what we hoped for when we adopted this report. I believe that your Honor will agree that the Grand Rapids Hydraulic company has by non-user, and if not mis-user, long ago forfeited their rights under the franchise they operated, and it now remains only for our State Attorney or Attorney General to take the necessary steps to declare the franchise forfeited, unless by some hook or crook an estoppel may be created. I have in mind house bill No. 999, so famous for its "referendum clause." Section 19 of this bill is so worded that by its passage the state would recognize the Grand Rapids Hydraulic company as one in good standing, and be estopped, in my opinion, to claim the contrary.

All of the reports of this committee were adopted by the Common Council when presented. In concluding this report I beg to submit that this committee is quite distinguishable from all the other standing committees of the Common Council; its action, although approved and adopted by the Council, can only be advisory, and the results of its efforts are dependent on the will of the members of the legislature from Kent county. Many questions of great importance to the people of this city relative to an amendment to our charter are passed without considering the wishes of the Common Council, and for this reason, and to favor the dignity of this honorable body, my individual opinion is: This committee henceforth should be regarded as obsolete and discarded as a standing committee.

I would suggest that in the future the City Attorney be provided with daily copies of the House and

Senate Journal of the Legislature during its session, and that on each Monday during the session of the legislature he report to the Council all measures introduced, pending or passed during the preceding week (and not included in a previous report,) in any way affecting the charter of this city, or any measure harmful to the interests of the people of Grand Rapids.

Any further information I may be able to have relative to the work of this committee, on request, I will be pleased to furnish.

Yours respectfully,

JOSEPH RENIHAN,

Chairman.

MARKET.

Three years ago I took up the matter of the filling of the steamboat channel, and after several trips to Detroit and a very extensive correspondence covering a period of nearly two years, succeeded in getting a report from the War Department saying in substance that the department at Washington would make no further moves in the matter, but leave it to the citizens owning property on the channel to adjust their own battles. It looked at that time as though a settlement of this much-needed improvement was in sight. The special committee having the several questions and claims submitted to them in charge held numerous meetings, covering a period of another year, and everything looked as though things were shaping themselves for a reasonable settlement, when all negotiations were dropped and the property owners who felt themselves aggrieved commenced suit against the city for the possession of the entire island south of the south line of Cherry street extended. The matter is now in the courts, but it is to

be regretted that an amicable settlement could not have been effected, as in the end it cannot fail to be a source of loss to both parties to the suit.

Privilege has been granted to the Grand River Transportation Company for dockage privileges on the south end of the island and during the coming summer the whole appearance of that portion of the market will be materially changed and very much for the better.

COMMITTEE REPORT.

Hon. George R. Perry, Mayor :

The expenditures on behalf of the City Market during the past year have been \$6,664.24 and the income has been \$6,532.90; we have a balance on hand at present time of \$8,449.60.

Generally speaking the year's work has been agreeable both to the committee and the patrons of the Market. The routine work of caring for the patrons has been systematized by the superintendent, and the public generally seem to appreciate the facilities offered by the city.

We propose to continue the filling on the so-called "nine lots" and in the near future it is hoped that a substantial addition to the market proper can be made. It is to be regretted that riparian owners have seen fit to carry their troubles into the courts. Such matters delay needed improvement and should be settled out of court.

It should be borne in mind that at the proper time the Council Committee on Markets propose to ask the Board of Health and the Board of Public Works respectfully for their share of the land used and the expense of

making drains, etc. Such sums when received to be placed to the credit of the Market bonded debt.

Respectfully submitted,

JAMES O. MCCOOL,

Chairman.

SUPPLIES.

The retirement of Alderman White from the Council is to be regretted. He served his one term with ability and a high sense of the duties of his official position; he is built of the kind of material from which good officials are made and it needs no second guess to say, "He will be heard from in the future." It is to be regretted that more of our younger men do not aspire to official or political life, and possibly the reason for this is the uncalled for attacks of the public press for partisan purposes.

Reckless and unsupported censure of the men becomes defamatory if long persisted in. It creates the impression among the people without proof having been presented, that certain public men are scoundrels. Unrelenting exposure of crooked men in office is one thing, but systematic slander against those who are honest or against whom there is no proof must result ultimately in lowering the standard of the public service.

COMMITTEE REPORT.

George R. Perry, Mayor:

The committee on supplies beg to report that during the past year they have purchased supplies amounting to \$2,365.79, divided among the departments as follows: Comptroller's office, \$356.57; Clerk, \$227.95; Treasurer, \$106.92; Tax Department, \$299.34; Attor-

ney, \$272.59; Marshal, \$91.88; Council, \$65.75; Mayor, \$79.05; Building Inspector, \$19.05; Milk Inspector, \$17.42; Board of Assessors, \$33.55; Health, \$215.91; Justice Court, \$179.61. Of the total, \$418.00 was for incidental office supplies, and \$1,947.79 for books, blanks, stationery and printing.

RECOMMENDATIONS.

1. That the several special acts under which the various Boards and the Courts of the city are organized be amended so as to make them dependent upon the Council for all printing, books and office supplies. This would enable the Supply Committee to do systematic buying and to have complete charge of the city's purchase of this kind.

2. That the mayor's secretary be appointed chairman of the Supply Committee, and with this recommendation may be coupled the suggestion that if to his capabilities in other directions be added a practical knowledge of the printing business, the interest of the city would be conserved.

3. That room be made in the basement of the City Hall or elsewhere for the storage of such supplies as in the opinion of the committee it would be profitable to buy in large quantities. The chairman of the committee should be held responsible for the proper accounting of the supplies under his supervision and should furnish the same only upon requisitions from the departments.

4. We are advised that it is the intention of the Comptroller to keep a separate account with "Office Supplies, Blanks and Printing" in future. This will

be a convenience, as the account as at present includes supplies of all kinds.

Respectfully submitted,

(Signed)

HARRY C. WHITE.

ABRAHAM GHYSELS.

PETER DEPAGTER.

WATER SUPPLIES.

On the assembling of your honorable body last May, in an address to you, I said I should do everything in my power to change the source of supply of water for our city, and advocated the following out of the recommendations of the experts, Messrs. Hazen and Gray. The pure water commission made a report to your honorable body recommending the upriver source, but you deemed it wise to make further inquiries and not confine yourself to the recommendations of the experts. You have exploited all manner of plans and have drawn to this city all manner and kinds of men, from the intelligent and conscientious hydraulic engineer down to the promoting fakir and low class confidence man. Four million dollar contracts are attractive and from past results in advertising, an enterprise of this magnitude the city has been the gainer, from the fact that it has been clearly demonstrated that the amount was far beyond the reach of the city, and if a different supply was to be had for our city some source must be shown that was far less expensive. After many shifts we are now on the right track and the question of a pure water supply is now nearer solution than at any time during the past twenty years; that such a supply can be had and the work all paid for during the next six or eight years without bonding the city for more than \$150,000, all told, I will demonstrate when the time comes for consideration of bids. The question

of obtaining a supply of pure water will be followed until some solution of the question is decided upon. Pure water for a city has more to do with its growth and industrial development than appears at first, and the more we read and study the situation, the firmer we are in the conviction that it is folly to wait longer, so I assure you that I shall keep up the agitation until the people have had a chance to say whether they want pure and cheap water, or not.

COMMITTEE REPORT.

To the Honorable, the Mayor and Common Council :

The pure water commission of the city of Grand Rapids appointed by your honorable body to investigate and report upon the question of procuring a better supply of water for all purposes, have had the matter under consideration for the last year, and beg leave to report as follows: That during the last year the matter has been under consideration not only by this commission but has been considered and discussed at considerable length by a special committee appointed by the Common Council to investigate the different propositions that have been made to the city at different times and by different concerns in relation to a water supply. Early last year the Council passed a resolution directing the Board of Public Works to advertise for propositions to furnish this city with a pure water supply, upon which bids were received and a large amount of time was spent by the committee of the Council then appointed to investigate the different supplies proposed, which committee after spending several months in their investigation made one of the most exhaustive reports that has ever been made upon this subject, showing that they had given the matter a great deal of attention and work;

which committee after investigating the different sources of supply, made a report to the Common Council in relation to same, but through the misrepresentation of the parties who had made an offer to supply this city with Lake Michigan water, the report was laid upon the table and once more the Council instructed the Board of Public Works to advertise further in relation to the said water supply. This advertisement was to continue for 90 days but was terminated before the date for having bids opened by the Council. Therefore no bids were received upon the second advertisement. Your commission, however, believe that the city's water supply is deserving of the attention of this Council, and of the citizens and taxpayers of this city, and should receive such consideration of the incoming Council as may seem advisable and proper.

Your committee further desire to say, that they recommend all provisions and statements made in their report last year.

They desire further to say that in their opinion the city at large should pay to the water works a certain sum each year for the fire protection the system affords, and for other uses that the municipality makes of the water. As the matter now stands the consumer of the city water pays for all incidental fire protection and other free uses of water.

Respectfully submitted,

JOHN MUIR,
Chairman.

SALE OF FRANCHISES.

This committee while it has had nothing before it this year is a most important committee and any year may be brought into a most prominent position. The

principle that the city should receive some compensation for franchise rights is correct in principle and it remains for your honorable body to take advantage of every opportunity, and I would suggest that if it is found impossible to place sufficient money in the budget to collect the garbage the committee endeavor to sell the franchise for one more year.

COMMITTEE REPORT.

Hon. George R. Perry, Mayor:

Your Committee on Sale of Franchises have had no matters referred to them during the present year. The franchises which have been granted within the past year were all of such a nature that the benefits to the public were so great as to preclude the opportunity of making a sale of such privilege to the grantees.

Respectfully submitted,

J. C. SHINKMAN,

Chairman.

LEGAL DEPARTMENT.

The report of the Legal Department is very gratifying and highly complimentary to the ability of our City Attorney and his assistant; the annexed abbreviated report showing but one case lost in a total of 44 commenced is an average and showing to be proud of. The present City Attorney was not of my choosing and would not have been named by me, if the charter had been changed placing the naming of the City Attorney in the hands of the Mayor, but I would consider myself less than a man if at this time I did not place myself on record and certify to his faithful discharge of his duties as City Attorney.

CITY ATTORNEY REPORT.

Hon. George R. Perry, Mayor:

Complying with your request for some statistical information as to the amount of litigation in which the city has been engaged, I respectfully submit the following:

During my two years term of office we have had to do with a total of fifty-five cases in courts of record. Of this number thirty-nine were law cases and sixteen were chancery cases; forty-seven were brought against the city and eight started by the city, against other parties. Of the total number eleven were pending at the beginning of my term, twenty-nine were commenced during the first year and twenty-three during the second year of the term.

During the first year I disposed of eighteen cases and during the second year a final disposition was made of seven. Of the twenty-five cases thus disposed of during the term, the city won twenty-one of them and lost but four. The four recorded as lost are, Peck et al. vs. City, Monje vs. City, Walker Township vs. Dowling et al. and Board of Tax Commissioners vs. Board of Assessors. Of these the first two were commenced before my term and the last case was an amicably arranged test case. We have secured a judgment in the supreme court to reimburse the city in the Monje case. It will be noticed that the only case commenced during my term that has been lost to the city is the Walker Township case, which was an injunction suit relative to the conduct of the Garbage Company.

Relatively speaking there is considerable litigation now pending. We have twenty-four cases pending in trial courts and six cases pending in appellate courts.

In my annual report to the Common Council I will report fully as to the more important cases.

Respectfully,

L. K. SALSURY,

City Attorney.

MILK INSPECTION.

The report of the Milk Inspector for the past year will be interesting reading for all citizens and the establishment of the office has proved of inestimable benefit to the general public. Mr. Richardson has given to this office his most earnest and conscientious work and has placed our city in the first rank of cities whose labors have been along the lines of protection to the health of the inhabitants.

MILK INSPECTOR'S REPORT.

Hon. George R. Perry, Mayor:

In compliance with your request I herewith make a brief statement of work done in the office of Milk Inspector during the year.

The number of licensed dealers.....	520
Wagons licensed.....	231
Cans licensed.....	218
Stores licensed..	53
Creameries licensed.....	3
Other places licensed.....	15

Three hundred and twenty of the licensed dealers reside within the city. Upward of 200 keep one or more cows.

The number of herds and stables inspected.....	347
The number of cows.....	3197
The number of tuberculin tests.....	10

The number of reactions.....	0
The number of samples milk tested.....	920
The number of samples above the minimum standard of (3 per cent. butter fat).....	893
The number of samples below the minimum standard	27
Arrests and convictions for selling adulterated milk	7

There has not been a single failure to convict on my complaint for any cause since taking the office.

There has been a great improvement in many dairies since the Milk Ordinance was enacted. The fact that dairies are subject to visitation and inspection for official record has seemed to make most dairy men desirous of securing a good record and favorable mention and has produced a competition for excellence of quality and methods to their own benefit and that of their patrons. There was a considerable number using preserving compounds. This very bad practice has been discontinued, and at my suggestion health officer DeLano with the State Board of Health secured the enactment of a statute to forbid and punish the use of preserving and embalming material in milk sold within the state. There has been a large number of our dairymen who have introduced aerators so as to quickly reduce the temperature of the warm milk and thereby greatly add to its keeping qualities. Quite a number have provided separate dairy houses, which is a great advantage. A very large number of good wagons have replaced the dilapidated, out-of-date vehicles that were almost a disgrace to the streets of our beautiful city. I have not seen in any city so many fine wagons in the milk business as are now used in Grand Rapids.

It is true and need not be considered strange that among so many dealers are dairies delivering milk everywhere in the city, that almost every day something goes

wrong with some one or other that furnish cause for complaint. To promptly and properly determine and correct such difficulties really requires a large share of work in this office. This work has had my most earnest efforts and in its successful prosecution I think lies the chief benefit of inspection to the dealer, dairymen and consumer. If any family in this city is not now provided with excellent milk it is hardly my fault, for this office is equipped and willing to detect a spurious article and I can always furnish a large list of good dealers that can be relied on to supply a good article in any part of the city.

Respectfully submitted,
GEO. F. RICHARDSON,
Milk Inspector.

CEMETERIES.

The Board of Cemetery Commissioners during the past year have contributed their share of improvement to the general betterment of the city's properties and the work as laid out by this board should be carried out to the letter. Yes! We should do more, for in the improvements of the cemeteries we are but adding to one of the best assets of the municipality.

The two lines of telephone poles on Hall street, between Oak Hill and Valley City Cemeteries, should be removed, and the lines carried around the south side of Valley City Cemetery. By the removal of these two lines of poles the general appearance of both cemeteries will be greatly improved and the removal of all the picket fences will have the effect of making the cemeteries appear as one.

The grounds and buildings now used for a contagious disease hospital should be turned over to the

Board of Cemetery Commissioners and be part of Oak Hill Cemetery. The building can easily be reconstructed and made a very handsome and attractive chapel. The city should buy a large tract of ground for a hospital and in a location that is remote from populous residence district and liable to remain so.

Our citizens will surely commend the good work of the Cemetery Commissioners in beautifying and remodeling the permit grounds. Under their instructions these grounds have been made as attractive as any portion of the cemetery; this is as it should be and the additional cost of beautifying these grounds will be gladly met by the larger majority of taxpayers of our city.

PUBLIC LIBRARY.

The giving of a public library by one of our former citizens—Mr. Martin A. Ryerson—is the most pleasing event to be chronicled in our city's history for many years. Yes, the most pleasing since the incorporation of the municipality as a city. Coming unsolicited as it did, and following his most magnanimous gift of Antoine Campau Park, it was a complete and agreeable surprise to our citizens. By his munificent act the city is to be given a most beautiful library building, and as it is to be built under his own supervision, this city is assured of a modern and up-to-date library building equipped with all the necessary adjuncts to make it most complete in every detail.

At the time his offer for this building was received, Mr. Andrew Carnegie had under consideration the name of the city of Grand Rapids as being an applicant for one of his library buildings. When Mr. Carnegie learned of Mr. Ryerson's offer he very properly withdrew.

While it is to be regretted that the city could not receive the benefit of both, still, it was necessary to designate a preference and the universal verdict was in favor of our "City's Son." Ere another year rolls around the library building will be in course of construction and possibly near completion; and by that time it is to be hoped that steps will be taken by our citizens to build an art hall and museum. I have been assured that if the site will be furnished that sufficient money can be raised to erect a beautiful and commodious building for these purposes, and I consider myself obligated to undertake this work during the coming year.

Thanking the members of this Council and our City Officials for their universal courtesy and kindness during the past twelve months, and wishing the retiring aldermen that measure of success which their faithful performance of public duties entitles them to, I respectfully submit the above.

GEORGE R. PERRY,
Mayor.

ANNUAL REPORT OF MAYOR AND CITY CLERK.

OFFICES OF THE MAYOR AND CITY CLERK, }
GRAND RAPIDS, MICH., April 30, 1901. }

To the Honorable, the Common Council:

GENTLEMEN—In accordance with the provisions of the charter, we herewith present a statement which, together with the accompanying Treasurer's report, gives the receipts and expenditures of the city during the preceding year, the several items of expenditure made by the Common Council, the subjects and purposes for which they were made, the amount of money expended under each, the amount of money raised for the general contingent expenses, the amount raised for lighting the city, the amount of money raised for the police and fire departments, the amount of highway taxes and assessments for opening, paving, repairing and altering streets and building and repairing bridges, the amount of money borrowed on the credit of the city, the amount of bonded indebtedness and other information as to the financial concerns of the city during the municipal year of 1900 and 1901.

ANNUAL REPORT.

BONDED INDEBTEDNESS, APRIL 24, 1900.

Water works	\$ 855,000 00
City hall	150,000 00
School (city).....	255,000 00
School (assumed by annexation)	7,000 00
Street improvement.....	400,000 00
Special.....	150,000 00
Market.....	75,000 00
Electric light.....	125,000 00
Total.....	\$ 2,087,000 00

BONDS PAID IN THE PAST YEAR.

Street improvement.....	\$ 130,000 00
School (city)	9,000 00
School (assumed by annexation)	7,000 00
Total.....	\$ 146,000 00

BONDS ISSUED IN THE PAST YEAR.

Street improvement (issue of 1900-1901 at 4 per cent.).....	\$ 100,000 00
---	---------------

BONDED INDEBTEDNESS, APRIL 19, 1901.

Water works.....	\$ 855,000 00
City hall	150,000 00
School (city).....	255,000 00
Street improvement.....	400,000 00
Special.....	150,000 00
Market.....	75,000 00
Electric light.....	125,000 00
Total	\$ 2,041,000 00

ASSESSMENTS FOR GENERAL PURPOSES BY DIRECT TAXATION.

General fund.....	\$ 30,000 00
Fire department fund.....	117,000 00
Police department fund.....	85,000 00
Public lighting fund.....	20,000 00
Public lighting extensions	2,500 00
Poor fund.....	18,000 00
Bridge fund.....	2,500 00
No. 11 engine house fund (Diamond street).....	8,000 00

First ward highway fund	\$ 4,800 00
Second ward highway fund	5,000 00
Third ward highway fund	4,000 00
Fourth ward highway fund	6,000 00
Fifth ward highway fund	3,000 00
Sixth ward highway fund	3,000 00
Seventh ward highway fund	3,500 00
Eighth ward highway fund	2,000 00
Ninth ward highway fund	3,000 00
Tenth ward highway fund	3,000 00
Eleventh ward highway fund	3,000 00
Twelfth ward highway fund	2,500 00
Superior court fund	4,000 00
Police court fund	2,000 00
arks	22,225 00
First sewer district fund	2,500 00
Second sewer district fund	2,250 00
Third sewer district fund	2,000 00
Firemen's pension fund	285 00
Sinking fund	15,000 00
Health fund	19,000 00
Electric bond fund	30,000 00
Interest on city hall bonds	7,500 00
Interest on special bonds	6,021 00
Interest on electric light bonds	5,000 00

Grand Total

\$ 435,081 00

ASSESSMENTS FOR STREET IMPROVEMENTS.

Auburn avenue, Lake avenue to Hope avenue	\$ 2,400 00
Brown avenue, South Division street to Buchanan street	4,440 00
Bradford street, Clancy to North Lafayette street	1,465 00
Crescent court, Crescent avenue to alley	560 00
Canal street, Newberry to Coldbrook street	10,270 00
Canal street, Pearl to Bridge street	18,971 00
Canal street, East Bridge to Newberry street	23,710 00
Center street, Sweet to Dean street	5,365 00
S. Diamond street, Cherry street to Wealthy avenue	6,080 00
Sibley street, big ditch to Valley avenue	1,680 00
Fifth avenue, Kalamazoo to Neeland avenue	1,520 00
Garden street, Jefferson to Madison avenue	1,690 00
Laurel street, Oakland to Grandville avenue	1,780 00
New England place, Canal street to canal bank	890 00
Sheldon street, East Fulton street to First avenue	37,470 00
Sweet street, Coit to Plainfield avenue	2,240 00
Warren avenue, Cherry to Buckeye street	2,390 00
Woodmere court, Wealthy to Robinson avenue	2,530 00
North Diamond street, Fountain to Flat street	9,730 00
Newberry street, Canal street to Sixth street bridge	1,090 00

Total

\$ 136,791 00

REPORTS OF MAYOR AND CLERK,

ASSESSMENTS FOR CONSTRUCTION OF SEWERS.

Auburn avenue, 100 feet north of Lake avenue to Fuller.....	\$ 800 00
Cedar street, Clancy street to North College avenue.....	2,236 00
South Diamond street, Cherry to Buckeye street.....	500 00
Donald street, Wealthy avenue to 683 feet north.....	528 00
North Front street, Eleventh to West Leonard street.....	1,730 00
Fifth avenue, Kalamazoo to Neland avenue.....	805 00
Godfrey avenue, South Market to Hall street.....	14,550 00
Logan street, Henry to East street.....	1,090 00
Lyon street, Antisdel court to Lyon street sewer.....	115 00
Paris avenue, Thomas to Mills street.....	440 00
Rumsey street, Grandville avenue to Hilton street.....	398 00
Salem avenue, Home avenue to Hall street.....	644 00
Twelfth avenue, South Division to Ionia street.....	634 00
Woodmere court, Wealthy to Robinson avenue.....	640 00
Woodworth avenue, City Hospital to Highland avenue.....	1,630 00
Hilton street, Hall, First avenue and Buchanan street.....	17,975 00
Total.....	\$ 45,177 00

ASSESSMENTS FOR SIDEWALKS.

Sidewalk bills collected before rolls were made.....	\$ 608 49
Roll for term ending August, 1900.....	460 79
Roll for term ending November, 1900.....	745 33
Roll for term ending February, 1901.....	349 87
Total.....	\$ 2,164 50

RECAPITULATION.

Assessments for general purposes.....	\$ 435,081 00
Assessments for street improvements.....	136,791 00
Assessments for sewers.....	45,177 00
Assessments for sidewalks.....	2,164 50
Total.....	\$ 619,213 50

RECEIPTS OF CITY CLERK'S OFFICE FROM APRIL 23, 1900 to APRIL 30, 1901.

Licenses.....	\$ 13,237 75
Assessment rolls.....	6,504 44
Redemptions.....	5,149 60
Sidewalks.....	608 49
Quit claim deeds.....	3,094 37
Marshal's sales.....	1,849 13
Miscellaneous.....	1,437 93
Total.....	\$ 31,881 71

MISCELLANEOUS.

Total amount of warrants drawn against the city depository from April 18, 1900 to April 30, 1901.....	\$1,383,179 18
Amount bid by city at Marshal's and Treasurer's sales.....	\$ 13,804 13
Amount bid by private parties at same sales.....	2,822 83
Total.....	\$ 16,626 96

Number of sales.....	13
Number of parcels sold to city.....	1,248
Number of parcels sold to private parties.....	287
Total.....	1,535
Tax deeds issued.....	61
Quit claim deeds issued.....	139
Cemetery deeds issued.....	90
Total.....	290
Deeds given to the city for streets, cemetery lots, etc.....	14
Number of parcels redeemed.....	768
Number of parcels quit claimed.....	218
Total.....	986
Number of ordinances passed.....	11

During the past two years there have been 7,200 petitions, reports, resolutions, etc., passed the Common Council, which have been filed, indexed and referred to proper persons.

Number of licenses issued —	
Dogs.....	2 029
Saloons ..	170
Drays and express.	213
Hacks.....	31
Hucksters.....	75
Hotels and restaurants.....	84
Meat markets.....	122
Meat wagons.....	15
Milk.....	521
Miscellaneous ..	532
Total.....	3,792
Streets improved 1900-1901.....	3.15 miles
Streets re-improved 1900-1901.....	2.13 miles
Sewers built 1900-1901.....	5.85 miles
Water mains laid.....	1.63 miles
Total length of water mains.....	142 43 miles
Hydrants set.....	14
Total number of hydrants.....	1,336

Respectfully submitted,

GEORGE R. PERRY,

I. F. LAMOREAUX,

City Clerk.

Mayor.

ANNUAL REPORT OF CITY ATTORNEY.

*To the Honorable Mayor and Common Council of the
City of Grand Rapids:*

GENTLEMEN:—I beg leave to submit the following as my annual report for the year 1900-1901. The municipality has been a party, directly or indirectly, to 23 new suits in courts of record during the year now about to close. Ten of these cases were brought to recover taxes paid under protest, two of them by the Consolidated Street Railway Company, which in my opinion have been ruled by the Detroit case and undoubtedly will be disposed of soon. While the others may have some merit, they are brought by the same attorney and the trial and disposition of one case will dispose of them all. None of these cases have been tried.

The case of *Danhoff vs. the City* was brought to test the validity of the assessment roll for the improvement of Marion street. No new question is involved in this case. The two main questions being: First, that the improvement is no benefit to the property assessed, and second, the legality of the publication of the notice of assessment. The amount involved is about three hundred dollars, and the case is still pending.

The case of the Board of State Tax Commissioners vs. the Board of Assessors was an amicably arranged case to test that portion of the state tax law permitting the State Commissioners to review the city assessment rolls. This matter was of vital importance and interest

not only to the city and its citizens, but in fact to the entire state; the decision of which established a precedent that was not only adhered to in our city but in all others in this state. In this case I was assisted by outside counsel, retained by private interests. The point contended for by the Tax Commissioners was sustained by the Supreme Court, and many additions were made to the assessment rolls thereafter.

The case of Crow vs. the City commenced and disposed of during the year, was a petition for an injunction restraining the city from improving Sheldon street with block asphalt. The suit was based upon the question of the power of the Common Council to pass upon and determine the kind of pavement and the advisability of improving the street. The trial court held that the Common Council was the sole judge as to whether or not a street improvement was necessary and the kind of improvement to use for same, and when those questions had been fairly passed upon by the Common Council their action was not subject to review by the courts.

As directed by the Common Council I commenced suit against the Grand Rapids Railway Company to recover the cost of maintaining patrolmen at street crossings, which case was afterwards dismissed upon direction of the Common Council, the railway company agreeing to pay one-half of such costs for a period of ten years.

The case of the Peninsular Trust Company vs. the City is being prepared for the Supreme Court. The sum of \$387.50 was recovered by the plaintiff as damages for the death of a seven-year-old child by drowning in the city reservoir. I contended on the trial that the city was not liable in any event; the child being a

trespasser, the accident occurring a long distance from the street, and under circumstances that would make it unjust to hold the city liable for this and similar accidents. I did not recommend an appeal especially for the disposal of this case alone. The question is important as governing similar cases in the future. If this judgment should stand then the burden of caring for children is shifted from the parents to the general public.

The South Grand Rapids Street Railway Company felt aggrieved at the action of the city in ordering the improvement of Buchanan street and sought to restrain the improvement by injunction. The injunction was dismissed with costs against the complainants, and the case is now at issue on some minor matters mentioned in the bill of complaint.

Several years ago the city vacated a portion of Buchanan street from Fifth Avenue to Ninth Avenue and allowed railroad tracks to be laid in the street. During the past year the Michigan Central Railroad Company and the Pere Marquette Railroad Company, claiming that the vacating of a portion of such street amounted in effect to the abandonment of the balance of the street and that by virtue of being owners of the adjoining land it became the owners of the street, attempted to take forcible possession and construct their tracks therein. This is the only suit started by me during my term without first being ordered to do so by the Common Council. However, the exigency of the case demanded it, as the company intended to surreptitiously lay their tracks in the street with the hopes of holding same thereby. We obtained a temporary injunction restraining them from interfering with the street, and the suit is still pending.

Mrs. Seddie Zibble claims to have been injured by falling on a defective sidewalk in front of 67 Pleasant street, August 13, 1900. A claim for \$25,000 damages was filed with the city in the usual manner, and a hearing was had before the Committee on Claims and Accounts. However, while the matter was in the hands of the committee suit was brought to recover the full amount, thus giving the committee no chance whatever to investigate and report, allowing only one alternative, of which we have availed ourselves. The case was tried February last and the jury failed to agree, and has been on trial during the last ten days of this month. The jury giving her a verdict of thirty-five hundred dollars, the case has again been appealed.

I feel that I must again urge the necessity of disposing of old plank walks as rapidly as possible. In addition to the above, the so-called Island suits, Ellsworth vs. the City and McKee vs. the City, constitute the greater portion of the new litigation in which we have been engaged. I will not discuss the merits of these suits at this time to any great extent. However, I might say the discussion of the settlement of this matter has been to some extent far from the real issue. I deem it proper for me at this time to briefly state my position. In the first place, I have reason to believe that the city will ultimately prevail in this case; but it may take several years time and considerable necessary expense that will follow before we are through with this litigation. And supposing we do win after having placed some \$300,000 worth of property in jeopardy, the only question which will be finally settled is the title to the island, and that was really the question least involved when this controversy was commenced. I say that granted the city wins both suits, and it should in my

opinion, it is unfortunate that the matter was not settled and thus dispose of a bad nuisance.

The case of Peck vs. the City has been decided in the Supreme Court since my last report, and the city lost. The amount involved was about \$1,200. In the resolution for the improvement of Butterworth avenue in 1894, no mention was made of a sewer. The contract provided, however, for the construction of a sewer in the street as a part of the improvement. The Supreme Court held that this could not be done, as it was found that it was necessary to make a different assessing district for the sewer than for the street improvement. I know but one other improvement of anything like a similar condition, and that is Watson street, in relation to which we now have a case pending.

We have secured a judgment against the Lake Shore & Michigan Southern Railroad Company for \$1,227.90, that being the amount due the city for the improvement of West Bridge street, assessed against the defendant nearly six years ago. This was an action of assumpsit under a special provision of the charter of 1897. This case is an important one to the city; and involved in it the right of the city to assess railway property, right of way, and property used for railroad purposes for special improvements, and upon the decision of the case much depends, as it will settle the important matter.

The case of Fitzpatrick vs. the City, mentioned in my last report, has been tried and a verdict of no cause of action rendered by the jury.

During the present month the case of the City vs. Van Rossum et al. has been decided by the Supreme Court in favor of the city. This suit is, too, an impor-

tant one, in that it establishes the fact that bonds given to protect the city against liability for action caused by the negligence of contractors in guarding excavations, etc., can be enforced, and it is of great value to the city. The city has received in this suit \$550, judgment obtained by Mrs. Monje, with costs and interests amounting to \$1,038.27. However, I consider the decision fixing the liability of contractors of much more importance than the amount recovered.

I furnished to the Mayor, at his request, a brief synopsis of this year's work, which is about as follows: That during my term of office there has been 25 cases disposed of for the city. In 21 of them the city prevailed, losing four only; of those four, Peck et al. vs. the City, State Tax Commissioners vs. the Board of Assessors, Monje vs. the City, and the Township of Walker vs. Dowling et al., the Peck case was started before my term, the State Tax Commissioners was an amicable suit, the Monje case, the amount that the city paid out has since been paid back in the Van Rossum case, with costs and interest, and the Township of Walker case in relation to the garbage question was a decree for about all that we contended for in the case. Besides the 25 cases mentioned, there have been several cases tried in which there was a disagreement of the jury, obliging a retrial of the same cases. In passing I desire to say that during the last year the office of City Attorney has had an extra amount of work, brought about from the large amount of claims in which they assisted in settling, both in the reservoir accident and in the Canal street accident. The result of our past year's work has been very satisfactory to me, and I desire, in closing, to express my thanks to the Mayor and every member of the Common Council for their courtesies and kindness

toward my department during the year, and especially to the Committee on Claims and Accounts, with whom I have had an extra large amount of work on account of accidents heretofore mentioned.

Respectfully submitted,

LANT K. SALSURY,

City Attorney.

ANNUAL REPORT OF CITY TREASURER.

CITY TREASURER'S OFFICE, }
GRAND RAPIDS, MICH., April 30, 1901. }

*To the Honorable, the Mayor and Common Council of the
City of Grand Rapids:*

GENTLEMEN—I herewith submit to your honorable
body my report for the year ending April 19, 1901.

Respectfully submitted,

MARCUS A. FROST,
City Treasurer.

GRAND RAPIDS NATIONAL BANK, }
GRAND RAPIDS, MICH., April 26, 1901. }

The city of Grand Rapids had a balance of
\$370,801.58 to its credit, as shown by the books of this
bank at the close of business April 19, 1901.

GRAND RAPIDS NATIONAL BANK.

JOHN L. BENJAMIN,
Asst. Cashier.

THE FOURTH NATIONAL BANK, }
GRAND RAPIDS, MICH., April 20, 1901. }

M. A. Frost, City Treasurer:

DEAR SIR—I hereby certify that according to our
books at the close of business April 19, 1901, your ac-
count had a credit balance with this bank amounting to
\$1,725.92.

Yours very truly,
JOHN A. SEYMOUR,
Cashier.

REPORT OF TREASURER,

1901

DR.

April 19. To Grand Rapids National bank.	\$ 370,801 88
Kent County Savings bank.....	100,000 00
Fourth National bank.....	1,725 99
Cash on hand.....	1,678 35
Total	\$ 474,200 85

1901

CR.

April 19. By balance.....	\$ 473,492 61
Unpaid checks not presented at the bank for payment	708 24
Total.....	\$ 474,200 85

LIST OF ORDERS NOT PRESENTED AT THE BANK FOR PAYMENT.

No. of order.	Amount.
19,060	\$ 0 41
19,077	2 50
19,664	1 60
125	1 50
20,220	133 34
20,522	1 00
20,534	39 25
510	19 45
20,961	3 67
91,027	63 55
21,096	35 00
552	24 77
20,849	6 00
20,854	6 00
20,943	4 87
398	5 00
559	77 00
602	20 00
621	35 00
684	11 45
716	16 20
742	4 71
13,809	2 35
20,948	2 50
505	4 30
20,750	6 00
20,804	6 00
20,856	2 00
696	158 89
728	2 00
731	2 00
733	2 00
20,889	6 00
20,896	2 00
Total	\$ 708 24

RECEIPTS AND DISBURSEMENTS FROM APRIL 19, 1900 to APRIL 19, 1901.

RECEIPTS.

1900.		
April 19, to balance.....	\$	501,780 39
May.....	\$	43,189 10
June.....		65,808 30
July.....		325,539 78
August.....		283,647 40
September.....		44,886 40
October.....		60,664 77
November.....		86,463 97
December.....		116,708 70
1901.		
January.....		253,766 67
February.....		52,636 72
March.....		43,197 93
April.....		31,533 67
Total receipts.....	\$	1,847,925 41
		<u>\$ 1,849,706 80</u>

DISBURSEMENTS.

1900.		
May.....	\$	325,124 34
June.....		77,719 88
July.....		75,882 34
August.....		113,587 48
September.....		74,919 32
October.....		124,078 39
November.....		133,192 75
December.....		98,060 29
1901.		
January.....		250,405 13
February.....		111,772 95
March.....		49,287 07
April.....		43,213 82
Total disbursements.....	\$	1,376,213 19
April 19, 1901, by balance.....		473,492 61
		<u>\$ 1,849,706 80</u>

RECEIPTS AND DISBURSEMENTS OF THE VARIOUS FUNDS
FOR THE YEAR ENDING APRIL 19, 1901.

	Receipts.	Disbursements.
General.....	\$ 46,536 37	\$ 111,369 33
Contingent.....	43,576 45	9,465 23
Fire department.....	1,289 61	114,107 87
Police department.....	470 00	77,849 33
First ward highway.....	72 05	4,401 25
Second ward highway.....	94 41	5,452 32
Third ward highway.....	20 79	4,861 94
Fourth ward highway.....	63 70	5,179 78

Fifth ward highway	22 15	\$ 2,803 79
Sixth ward highway	10 00	2,890 85
Seventh ward highway	19 96	2,547 46
Eighth ward highway	90 30	1,785 64
Ninth ward highway	11 80	2,788 74
Tenth ward highway	29 69	2,986 83
Eleventh ward highway	60 89	2,500 37
Twelfth ward highway	10 77	2,019 41
First sewer district	151 76	2,825 26
Second sewer district	55 00	1,913 96
Third sewer district	95 00	2,471 67
Bridge		1,292 60
Public lighting	14 86	21,670 99
Library	1,019 70	938 50
Poor	180 24	16,021 16
Police court	1,204 95	2,223 52
Superior court	535 00	3,592 53
Justice court	2,246 70	3,632 52
Park		3,998 97
John Ball park	441 94	8,515 22
Lincoln park	7 00	1,044 11
Water works interest		39,261 96
Water works	1,585 42	18,144 37
Water works income	115,282 27	96,559 68
Valley City cemetery	12,001 95	12,462 39
Greenwood cemetery	4,487 80	6,524 08
City hall interest		7,500 00
Police and fire pension		229 13
Market	6,557 90	3,643 24
Electric light	20	3,496 53
John Ball park extension		4,638 34
Special bonds interest		6,021 00
Market bonds interest		3,007 00
Green house	1,150 90	4,419 35
Electric light bonds interest		5,017 50
General taxes	714,713 13	276,524 52
Antoine Campau park		2,670 10
Bridge street bridge approach		97 00
Health	4,095 23	19,697 96
Canal bridge		209 27
Redemption on deposit	1,021 93	1,511 52
Board of Education	77,644 52	77,283 81
Electric light extension		2,500 00
Street improvement bond	102,193 88	149,950 00
Road roller	4,630 36	6,487 39
Godfrey avenue sewer	14,596 93	13,508 18
Rumsey street sewer	801 47	622 00
Canal street paving	18,846 66	18,746 25
Paris avenue sewer	247 62	21 94
Cedar street sewer	1,186 61	741 70
Woodworth avenue and S. Union street sewer	198 00	
Campau street improvement	1,298 43	6,280 59
Marion street improvement	101 24	471 53

Hamilton and Myrtle street sewer	\$	600 00
Colfax street and Colt avenue sewer	\$	88 68
College avenue sewer		971 70
Terrace avenue sewer	50 09	121 00
Campau street sewer	86 57	182 21
Third avenue improvement	24 20	425 43
Crawford street improvement	524 88	180 50
Fair street improvement	941 70	191 13
Home avenue improvement, D. to J.	655 18	203 43
Crescent avenue and Bostwick street improvement	938 06	278 00
Tamarack street improvement	865 44	763 97
Tenth street improvement	961 42	1,946 13
Palmer avenue improvement	2,275 48	2,636 97
Travis avenue improvement	2,981 19	5,641 70
Sweet street improvement	681 68	2,185 26
Taylor and other streets sewer	45 27	50 70
Ottawa street improvement, Bridge to Fairbanks	3,436 12	95 60
Godfrey avenue improvement	69 00	2,827 91
Turner street improvement, Seventh to North	4,081 25	18,936 36
Grandville avenue improvement	2,408 37	1,530 36
Garden street improvement	276 60	1,579 96
Steel avenue improvement	1,116 99	2,295 37
Sibley street improvement	168 25	988 07
Turner street improvement, Bridge to Seventh	2,065 06	1,436 43
Watson street improvement	808 58	2,672 25
Rose street improvement	1,048 47	845 17
LaBelle avenue improvement	727 09	339 63
Stewart avenue improvement	1,186 25	150 96
North Diamond street improvement	2,553 47	9,570 39
Brown avenue improvement	2,174 86	4,406 81
North Pine street sewer		15 00
Elm avenue improvement	1,197 91	143 00
Jefferson avenue improvement, Wealthy to Fifth	4,146 00	220 00
East Fulton street improvement	2,536 33	119 00
Crescent court improvement	580 07	536 09
Canal street improvement, Bridge to Newberry	8,974 12	22,967 68
Warren avenue improvement	481 69	2,250 01
Mills street improvement	1,536 75	1,812 38
Robey street improvement	490 16	208 53
Fitzhugh street improvement	787 60	489 86
Sheldon street improvement	19,278 35	37,054 49
Dickenson avenue improvement	614 81	1,029 66
North Front street sewer	1,787 68	1,708 63
Logan and Charles streets sewer	1,094 28	1,031 92
Center street improvement	2,332 87	4,959 75
Salem avenue improvement	426 16	578 15
Canal street improvement, Newberry and Coldbrook	4,715 80	5,894 75
Fifth avenue improvement	501 81	1,015 82
Laurel street improvement	505 32	1,402 10
Donald street sewer	543 86	472 51
Fifth avenue sewer	810 50	737 87
Twelfth avenue sewer	639 19	550 05
South Diamond street sewer	504 98	406 55

South Diamond street improvement	\$ 1,061 68	\$ 3,959 89
Woodmere court improvement	945 08	1,755 44
Lyon street sewer	146 75	108 17
Buchanan street improvement		5,009 43
Newberry street improvement	1,000 00	1,048 83
Auburn avenue improvement	945 86	436 19
Bradford street improvement	259 22	498 75
Woodmere court sewer	652 59	508 35
Diamond and Fisher streets sewer		30 00
Auburn and Hope avenue sewer	806 79	710 58
New England place improvement	890 90	779 01
Hermitage street improvement	890 90	
Lake avenue improvement	3 975 88	
N. Union street improvement	525 07	
Oak street improvement, Sheldon to Jefferson	151 50	
Baxter street improvement, Henry to East	364 35	
Worden street improvement	708 91	
Madison street improvement	646 32	
Thomas street improvement	1,212 26	
Valley avenue improvement	840 51	
E. Bridge street improvement	397 05	
Helen avenue improvement	246 41	
Coit avenue improvement	1,021 30	
Kalamazoo avenue improvement, Boston to Burton	363 10	
S. Prospect street improvement	166 52	
E. Bridge street improvement, Canal to Ottawa	1,043 39	
Bates street improvement	1,698 85	
Dennis street improvement	599 57	
Plainfield avenue improvement, R. R. to Quimby	2,686 11	
Barth street improvement	331 10	
Plainfield avenue improvement, Quimby to Knapp	1,399 39	
Diamond street improvement	523 97	
Ottawa street improvement, Bridge to Lyon	1,423 39	
Nighth avenue improvement	14 09	
E. Grove street improvement	981 40	
Grand avenue improvement	1,338 87	
Lyon street improvement	1,651 77	
Winsor place improvement	453 00	
Plainfield avenue improvement, R. R. to Coldbrook	789 28	
S. Division street improvement	2,688 03	
Thompson court improvement	233 33	
Paris avenue improvement	1,363 64	
N. Iowa street improvement	392 49	
Robinson avenue improvement	1,089 51	
Cherry street improvement	561 46	
Home avenue improvement	443 88	
Halfey place improvement	306 19	
S. Fuller street improvement	1,192 11	
Spencer avenue improvement	1,057 25	
Prince street improvement	394 05	
Luton court improvement	329 32	
Jackson street improvement	322 40	
Mechanic street improvement	580 83	

Ives avenue improvement	\$ 488 80	
Euclid avenue improvement.....	530 90	
Jefferson avenue improvement, Wealthy to Cherry.....	847 14	
Jefferson avenue improvement, Hall to Burton.....	2,965 39	
Ottawa street improvement, Fairbanks to Coldbrook.....	4,047 31	
Highland avenue improvement.....	449 68	
N. Prospect street improvement.....	1,570 27	
Kalamasoo avenue improvement, Fifth to Boston.....	2,629 59	
Oakes street improvement.....	138 94	
Baxter street improvement, East to Fuller.....	1,173 95	
Crescent avenue improvement.....	4,065 80	
Caulfield avenue improvement.....	1,234 46	
Livingston street improvement.....	1,300 47	
S. Waterloo street improvement..	5,817 30	
Madison avenue improvement.....	4,762 36	
	<u>\$1,347,925 41</u>	<u>\$1,376,213 19</u>
April 19, 1900, to balance.....	501,780 39	
April 19, 1901, by balance ..		<u>473,499 61</u>
	<u>\$1,849,705 80</u>	<u>\$1,849,705 80</u>

GENERAL FUND.

Dr.

1901.		
April 19, to disbursements	\$ 111,369 33	
to transfers.....	9,111 56	
April 19, 1901, to balance.....	<u>6,624 35</u>	
		<u>\$ 127,105 24</u>

Cr.

1901.		
April 19, 1900, by balance.....	\$ 17,699 50	
by receipts	48,536 37	
by transfers.....	<u>60,946 37</u>	
		<u>\$ 127,105 24</u>
April 19, 1901, by balance.....		<u>\$ 6,624 35</u>

CONTINGENT FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$ 9,466 22	
to transfers ..	83,544 93	
April 19, 1901, to balance.....	<u>435 52</u>	
		<u>\$ 93,446 67</u>

Cr.

1901.		
April 19, 1900, by balance.....	\$ 7,586 34	
by receipts ..	42,576 45	
by transfers.....	<u>42,284 88</u>	
		<u>\$ 93,446 67</u>
April 19, 1901, by balance ..		<u>\$ 435 52</u>

REPORT OF TREASURER,

FIRE DEPARTMENT FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$	114,107 87
April 19, 1901, to balance.....		22,033 14
		<hr/>
	\$	136,141 01

Cr.

1901.		
April 19, 1900, by balance....	\$	11,151 40
by receipts.....		1,289 61
by budget.....		117,000 00
by transfers.....		6,700 00
		<hr/>
	\$	136,141 01
April 19, 1901, by balance.....	\$	22,033 14

POLICE DEPARTMENT FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$	77,849 33
April 19, 1901, to balance.....		22,724 94
		<hr/>
	\$	100,574 27

Cr.

1901.		
April 19, 1900, by balance.....	\$	5,034 27
by receipts.....		470 00
by budget.....		85,000 00
by transfers.....		10 020 00
		<hr/>
	\$	100,574 27
April 19, 1901, by balance.....	\$	22,724 94

FIRST WARD HIGHWAY FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$	4,401 35
to transfers.....		300 00
to balance.....		499 30
		<hr/>
	\$	5,200 55

Cr.

1901.		
April 19, 1900, by balance.....	\$	528 50
by receipts.....		73 05
by budget.....		4,300 00
by transfers.....		300 00
		<hr/>
	\$	5,200 55
April 19, 1901, by balance.....	\$	499 30

CITY OF GRAND RAPIDS, MICH.

87

SECOND WARD HIGHWAY FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$	5,452 82
to transfers		400 00
to balance		800 85
		<hr/>
	\$	6,153 17

Cr.

1901.		
April 19, 1900, by balance	\$	668 76
by receipts		94 41
by budget		5,000 00
by transfers		400 00
		<hr/>
	\$	6,153 17
April 19, 1901, by balance	\$	800 85

THIRD WARD HIGHWAY FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$	4,361 94
to balance		398 11
		<hr/>
	\$	4,760 05

Cr.

1901.		
April 19, 1900, by balance	\$	739 26
by receipts		20 79
by budget		4,000 00
		<hr/>
	\$	4,760 05
April 19, 1901, by balance	\$	398 11

FOURTH WARD HIGHWAY FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$	5,179 78
to balance		1,966 26
		<hr/>
	\$	7,136 03

Cr.

1901.		
April 19, 1900, by balance	\$	1,072 83
by receipts		68 70
by budget		6,000 00
		<hr/>
	\$	7,136 03
April 19, 1901, by balance	\$	1,966 26

REPORT OF TREASURER,

FIFTH WARD HIGHWAY FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$ 2,808 79	
to balance	1,000 08	
		\$ 3,808 87

Cr.

1901.		
April 19, 1900, by balance.....	\$ 781 73	
by receipts.....	23 15	
by budget	3,000 00	
		\$ 3,808 87
April 19, 1901, by balance.....		\$ 1,000 08

SIXTH WARD HIGHWAY FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$ 2,820 35	
to transfers.	200 00	
to balance	331 04	
		\$ 3,351 39

Cr.

1901.		
April 19, 1900, by balance	\$ 141 39	
by receipts	10 00	
by budget	3,000 00	
by transfers ..	200 00	
		\$ 3,351 39
April 19, 1901, by balance		\$ 331 04

SEVENTH WARD HIGHWAY FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$ 2,547 46	
to transfers.....	200 00	
to balance	85 75	
		\$ 2,833 21

Cr.

1901.		
April 19, 1900, by balance.....	\$ 113 25	
by receipts.....	19 96	
by budget.....	2,500 00	
by transfers	200 00	
		\$ 2,833 21
April 19, 1901, by balance		\$ 85 75

EIGHTH WARD HIGHWAY FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$ 1,786 64	
to transfers	300 00	
to balance	288 40	
		\$ 2,374 13

Cr.

1901.		
April 19, 1900, by balance	\$ 908 88	
by receipts	20 80	
by budget	2,000 00	
by transfers	100 00	
		\$ 2,329 68
April 19, 1901, by balance	\$ 288 40	

NINTH WARD HIGHWAY FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$ 2,788 74	
April 19, 1901, to balance	716 25	
		\$ 3,504 99

Cr.

1901.		
April 19, 1900, by balance	\$ 498 19	
by receipts	11 80	
by budget	3,000 00	
		\$ 3,509 99
April 19, 1901, by balance	\$ 716 25	

TENTH WARD HIGHWAY FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$ 2,986 88	
to transfers	408 40	
April 19, 1901, to balance	375 77	
		\$ 3,771 05

Cr.

1901.		
April 19, 1900, by balance	\$ 341 81	
by receipts	29 60	
by budget	3,000 00	
by transfers	400 00	
		\$ 3,771 41
April 19, 1901, by balance	375 77	

**REPORT OF TREASURER,
ELEVENTH WARD HIGHWAY FUND.**

Dr.

1901.		
April 19, 1901, to disbursements.....	\$ 2,500 37	
to transfers	600 00	
April 19, 1901, to balance	412 78	
		\$ 3,513 09

Cr.

1901.		
April 19, 1900, by balance.....	\$ 44 80	
by receipts	60 39	
by budget.....	3,000 00	
by transfers	408 40	
		\$ 3,513 09
April 19, 1901, by balance	\$ 412 78	

TWELFTH WARD HIGHWAY FUND.**Dr.**

1901.		
April 19, 1901, to disbursements...	\$ 2,019 41	
to transfers	300 00	
April 19, 1901, to balance	462 61	
		\$ 2,782 02

Cr.

1901.		
April 19, 1900, by balance.....	\$ 171 25	
by receipts	10 77	
by budget.....	2,500 00	
by transfers	100 00	
		\$ 2,782 02
April 19, 1901, by balance.....	\$ 462 61	

FIRST SEWER DISTRICT FUND.**Dr.**

1901.		
April 19, 1901, to disbursements.....	\$ 2,825 96	
April 19, 1901, to balance	288 50	
		\$ 3,113 85

Cr.

1901.		
April 19, 1900, by balance.....	\$ 469 00	
by receipts.....	151 76	
by budget.....	2,500 00	
		\$ 3,113 85
April 19, 1901, by balance.....	\$ 288 50	

SECOND SEWER DISTRICT FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$	1,913 96
to transfers.....		600 00
April 19, 1901, to balance		96 96
		<hr/>
	\$	2,609 92

Cr.

April 19, 1901, by balance.....	\$	104 92
by receipts.....		55 00
by budget.....		2,250 00
by transfers.....		200 00
		<hr/>
	\$	2,609 92
April 19, 1901, by balance.....	\$	96 96

THIRD SEWER DISTRICT FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$	2,471 67
April 19, 1901, to balance.....		355 44
		<hr/>
	\$	2,827 11

Cr.

1901.		
April 19, 1900, by balance.....	\$	732 11
by receipts.....		96 00
by budget.....		2,000 00
		<hr/>
	\$	2,827 11
April 19, 1901, by balance.....	\$	355 44

BRIDGE FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$	1,292 60
April 19, 1901, to balance.....		2,553 22
		<hr/>
	\$	3,845 82

Cr.

1901.		
April 19, 1900, by balance	\$	1,345 83
by budget		2,500 00
		<hr/>
	\$	3,845 82
April 19, 1901, by balance	\$	2,553 22

PUBLIC LIGHTING FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$	21,670 99
to balance		2,852 22
		<hr/>
	\$	24,523 21

REPORT OF TREASURER,

Cr.

1901.		
April 19, 1900, by balance	\$	4,508 36
by receipts		14 86
by budget		20,000 00
		<u>\$ 24,523 21</u>
April 19, 1901, by balance	\$	2,862 22

LIBRARY FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$	928 50
to balance		163 00
		<u>\$ 1,091 50</u>

Cr.

1901.		
April 19, 1901, by balance		71 50
by receipts		1,019 70
		<u>\$ 1,091 50</u>
April 19, 1901, by balance	\$	163 00

POOR FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$	16,021 16
to transfers		4,500 00
to balance		608 37
		<u>\$ 21,124 53</u>

Cr.

1901.		
April 19, 1900, by balance	\$	2,394 99
by receipts		190 24
by transfers		600 00
by budget		18,000 00
		<u>\$ 21,124 53</u>
April 19, 1901, by balance	\$	608 37

POLICE COURT FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$	2,233 52
to balance		1,432 51
		<u>\$ 3,666 03</u>

Cr.

1901.		
April 19, 1900, by balance	\$	451 08
by receipts		1,204 95
by budget		2,000 00
		<u>\$ 3,656 03</u>
April 19, 1901, by balance	\$	1,432 51

SUPERIOR COURT FUND.

Dr.

1901.		
April 19, 1901, to disbursements ..	\$ 3,592 53	
to transfers	854 00	
to balance	904 43	
		\$ 5,350 96

Cr.

1901.		
April 19, 1900, by balance.....	\$ 65 96	
by receipts	535 00	
by budget.....	4,000 00	
by transfers	750 00	
		\$ 5,350 96
April 19, 1901, by balance.....		\$ 904 43

JUSTICE COURT FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$ 3,532 52	
to balance	1,476 20	
		\$ 5,108 72

Cr.

1901.		
April 19, 1900, by balance.....	\$ 2,537 02	
by receipts	2,246 70	
by transfers ..	25 00	
		\$ 5,108 72
April 19, 1901, by balance.....		\$ 1,476 20

PARK FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$ 3,998 97	
to transfers.....	1,844 45	
to balance	331 66	
		\$ 6,175 08

Cr.

1901.		
April 19, 1900, by balance.....	\$ 205 68	
by budget	4,965 00	
by transfer	1,044 45	
		\$ 6,175 08
April 19, 1901, by balance.....		\$ 331 66

REPORT OF TREASURER,

JOHN BALL PARK FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$ 8,515 29	
to transfers	3,737 34	
to balance	667 26	
		\$ 12,919 89

Cr.

1901.		
April 19, 1900, by balance.....	\$ 540 54	
by receipts	441 94	
by budget	7,000 00	
by transfers	4,937 34	
		\$ 12,919 82
April, 19, 1901, by balance		\$ 667 26

LINCOLN PARK FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$ 1,644 11	
to transfers.....	668 02	
April 19, 1901, to balance.	104 29	
		\$ 2,416 42

Cr.

1901.		
April 19, 1900, by balance.....	\$ 116 40	
by receipts.....	7 00	
by budget.....	1,800 00	
by transfers.....	493 02	
		\$ 2,416 42
April 19, 1901, by balance.....		\$ 104 29

WATER WORKS INTEREST FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$ 39,261 96	
		\$ 39,261 96

Cr.

1901.		
April 19, 1901, by transfers.....	\$ 39,261 96	
		\$ 39,261 96

WATER WORKS FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$ 18,144 37	
		\$ 18,144 37
April 19, 1901, to balance	\$ 2,607 32	
		\$ 2,607 32

Cr.

1901.		
April 19, 1900, by balance.....	\$ 2,725 81	
by receipts.....	1,585 42	
by transfers.....	11,225 22	
April 19, 1901, by balance....	2,607 32	
		\$ 18,144 37

WATER WORKS INCOME FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$ 96,559 58	
to transfers.....	45,407 56	
April 19, 1901, to balance	1,119 63	
		\$ 143,086 77

Cr.

1901.		
April 19, 1900, by balance.....	\$ 2,804 50	
by receipts.....	115,282 97	
by transfers.....	25,000 00	
		\$ 143,086 77
April 19, 1901, by balance.....		\$ 1,119 63

VALLEY CITY CEMETERY FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$ 12,462 39	
to transfers.....	4,000 00	
April 19, 1901, to balance.....	4,737 52	
		\$ 21,199 91

Cr.

1901.		
April 19, 1900, by balance.....	\$ 4,597 96	
by receipts.....	12,601 95	
by transfers.....	4,000 00	
		\$ 21,199 91
April 19, 1901, by balance.....		\$ 4,737 52

GREENWOOD CEMETERY FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$ 6,524 08	
to balance.....	245 53	
		\$ 6,769 61

Cr.

1901.		
April 19, 1901, by balance.....	\$ 2,281 81	
by receipts.....	4,487 80	
		\$ 6,769 61
April 19, 1901, by balance.....		\$ 245 53

REPORT OF TREASURER,

CITY HALL INTEREST FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$	7,500 00
April 19, 1901, to balance		<u>3,750 00</u>
	\$	11,250 00

Cr.

1901.		
April 19, 1900, by balance	\$	3,750 00
by budget		<u>7,500 00</u>
	\$	11,250 00
April 19, 1901, by balance	\$	<u>3,750 00</u>

WEALTHY AVE. BRIDGE FUND.

Dr.

1901.		
April 19, 1901, to transfers	\$	13,098 75
	\$	<u>13,098 75</u>

Cr.

1901.		
April 19, 1901, by balance	\$	13,098 75
	\$	<u>13,098 75</u>

POLICE AND FIRE PENSION FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$	229 13
April 19, 1901, to balance		<u>183 02</u>
	\$	412 15

Cr.

1901.		
April 19, 1900, by balance	\$	127 15
by budget		<u>286 00</u>
	\$	413 15
April 19, 1901, by balance	\$	<u>183 02</u>

MARKET FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$	3,643 24
to transfers		3,046 00
April 19, 1901, to balance		<u>8,449 00</u>
	\$	15,138 24

Cr.

1901.		
April 19, 1900, by balance.....	\$ 8,580 94	
by receipts	6,557 90	
	<u> </u>	\$ 15,138 84
April 19, 1901, by balance.....		\$ 8,440 00

SINKING FUND.

Dr.

1901.		
April 19, 1901, to transfers	\$ 4,000 00	
to balance	151,175 73	
	<u> </u>	\$ 155,175 73

Cr.

1901.		
April 19, 1900, by balance	\$ 136,175 73	
by budget	15,000 00	
by transfers.....	4,000 00	
	<u> </u>	\$ 155,175 73
April 19, 1901, by balance		\$ 151,175 73

ELECTRIC LIGHTING FUND.

Dr.

1901.		
April 19, 1901, to transfers	\$ 27,387 57	
to disbursements	3,496 53	
to balance.....	1,127 11	
	<u> </u>	\$ 32,011 21

Cr.

1901.		
April 19, 1900, by balance	\$ 591 11	
by receipts	20	
by transfers	1,419 90	
by budget	30,000 00	
	<u> </u>	\$ 32,011 21
April 19, 1901, by balance		\$ 1,127 11

JOHN BALL PARK EXTENSION FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$ 4,033 34	
to balance.....	545 78	
	<u> </u>	\$ 5,179 12

Cr.

1901		
April 19, 1900, by balance	\$ 3,179 12	
by budget	2,000 00	
	<u> </u>	\$ 5,179 12
April 19, 1901, by balance		\$ 545 78

REPORT OF TREASURER,

SPECIAL BONDS INTEREST FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$ 6,021 00	
to balance.....	3,010 50	
		\$ 9,031 50

Cr.

1901.		
April 19, 1900, by balance	\$ 3,010 50	
by budget	6,021 00	
		\$ 9,031 50
April 19, 1901, by balance		\$ 3,010 50

MARKET BOND INTEREST FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$ 3,007 00	
to balance.....	1,503 50	
		\$ 4,510 50

Cr.

1901.		
April 19, 1900, by balance	\$ 1,489 50	
by transfers.....	3,021 00	
		\$ 4,510 50
April 19, 1901, by balance		\$ 1,503 50

GREENHOUSE FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$ 4,419 35	
to transfers	1,500 00	
to balance	312 43	
		\$ 6,231 78

Cr.

1901.		
April 19, 1900, by balance	\$ 180 88	
by budget	4,000 00	
by receipts	1,150 90	
by transfers.....	900 00	
		\$ 6,231 78
April 19, 1901, by balance		\$ 312 43

ELECTRIC LIGHT BONDS INTEREST FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$ 5,017 50	
to balance.....	2,508 75	
		\$ 7,526 25

Cr.

1901.		
April 19, 1900, by balance	\$	2,473 75
by budget.....		5,000 00
by transfers.....		52 50
		<u>7,526 25</u>
April 19, 1901, by balance	\$	2,508 75

GENERAL TAXES FUND.

Dr.

1901.		
April 19, 1901, to Board of Education....	\$	276,524 52
to transfers		426,338 61
		<u>714,863 13</u>

Cr.

1901.		
April 19, 1901, by receipts	\$	714,713 13
by transfers.....		150 00
		<u>714,863 13</u>

A. CAMPAU PARK FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$	2,070 10
April 19, 1901, to balance.....		690 68
		<u>2,760 78</u>

Cr.

1901.		
April 19, 1900, by balance	\$	210 78
by transfers.....		660 00
by budget.....		2,500 00
		<u>3,360 78</u>
April 19, 1901, by balance	\$	690 68

BRIDGE STREET BRIDGE APPROACH FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$	97 00
to transfers.....		4,064 48
		<u>4,751 48</u>
April 19, 1900, by balance	\$	4,751 48
		<u>4,751 48</u>

REPORT OF TREASURER,

HEALTH FUND.

Dr.

1901.
 April 19, 1901, to disbursements.....\$ 19,697 96
 April 19, 1901, to balance. 1,846 78

\$ 21,544 74

Cr.

1901.
 April 19, 1900, by balance.....\$ 5,490 52
 by receipts. 4,095 22
 by budget..... 19,000 00

\$ 21,544 74

April 19, 1901, by balance.....\$ 1,846 78

CANAL BRIDGE FUND.

Dr.

1901.
 April 19, 1901, to disbursements.....\$ 209 27
 April 19, 1901, to balance 18,143 96

\$ 18,353 23

Cr.

1901.
 April 19, 1901, by transfers\$ 18,353 23

\$ 18,353 23

April 19, 1901, by balance.....\$ 18,143 96

REDEMPTIONS ON DEPOSIT FUND.

Dr.

1901.
 April 19, 1901, to disbursements.....\$ 1,511 52
 April 19, 1901, to balance 165 48

\$ 1,677 00

Cr.

1901.
 April 19, 1900, by balance.....\$ 24 64
 by receipts 1,621 93
 by transfers 30 43

\$ 1,677 00

April 19, 1901, by balance.....\$ 165 48

BOARD OF EDUCATION FUND.

Dr.

1901.
 April 19, 1901, to disbursements...\$ 77,235 81
 to transfers..... 948 74
 April 19, 1901, to balance 236 24

\$ 77,720 79

Cr.

1901.		
April 19, 1900, by balance.....	\$ 69 14	
by receipts	77,644 52	
by transfers	14 13	
	<u> </u>	\$ 77,790 79
April 19, 1901, by balance.....		\$ 236 24

ELECTRIC LIGHT EXTENSION FUND.

Dr.

1901		
April 19, 1901, to disbursements.....	\$ 2,500 00	
	<u> </u>	\$ 2,500 00

Cr.

1901.		
August 18, 1900, by budget.....	\$ 2,500 00	
	<u> </u>	\$ 2,500 00

ENGINE HOUSE NO. 11 FUND.

Dr.

1901.		
April 19, 1901, to balance	\$ 8,000 00	
	<u> </u>	\$ 8,000 00

Cr.

October 12, 1901, by balance.	\$ 8,000 00	
	<u> </u>	\$ 8,000 00
April 19, 1901, by balance.....		\$ 8,000 00

STREET IMPROVEMENT BOND FUND.

Dr.

1901.		
April 19, 1901, to interest and bonds paid . . .	\$ 149,960 00	
to transfers	152,853 52	
April 19, 1901, to balance	195,612 26	
	<u> </u>	\$ 498,415 78

Cr.

1901.		
April 19, 1900, by balance.....	\$ 235,502 77	
by sale of bonds. ..	102,192 88	
by transfers	160,630 13	
	<u> </u>	\$ 498,415 78
April 19, 1901, by balance.....		\$ 195,612 26

ROAD ROLLER FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$ 6,487 89	
April 19, 1901, to balance	90 64	
	<u> </u>	\$ 6,587 53

REPORT OF TREASURER,

Cr.

1901.		
April 19, 1900, by balance.....	\$	1,937 17
by receipts.....		4,680 36
		<u>\$ 6,587 53</u>
April 19, 1901, by balance.....	\$	99 64

GODFREY AVENUE SEWER FUND.

Dr.

1901,		
April 19, 1901, to disbursements.....	\$	13,508 18
to balance.....		1,065 00
		<u>\$ 14,573 18</u>

Cr.

1901.		
April 19, 1901, by receipts.....	\$	14,573 18
		<u>\$ 14,573 18</u>
April 19, 1901, by balance.....	\$	1,065 00

RUMSEY STREET SEWER.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$	623 00
to balance.....		179 47
		<u>\$ 801 47</u>

Cr.

1901.		
April 19, 1901, by receipts.....	\$	801 47
		<u>\$ 801 47</u>
April 19, 1901, by balance.....	\$	179 47

CANAL STREET PAVING FUND.

Dr.

1901.		
April 19, 1901, to disbursements.....	\$	18,746 25
to balance.....		100 41
		<u>\$ 18,846 66</u>

Cr.

1901.		
April, 19, 1901, by receipts.....	\$	18,846 66
		<u>\$ 18,846 66</u>
April 19, 1901, by balance.....	\$	100 41

PARIS AVENUE SEWER FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$	21 94
to balance		225 08
		<hr/>
	\$	247 02

Cr.

1901.		
April 19, 1901, by receipts	\$	247 02
		<hr/>
	\$	247 02
April 19, 1901, by balance.	\$	225 08

CEDAR STREET SEWER FUND.

Dr.

1901.		
April 19, 1901, to disbursements	\$	741 70
to balance		443 91
		<hr/>
	\$	1,185 61

Cr.

1901.		
April 19, 1901, by receipts	\$	1,185 61
		<hr/>
	\$	1,185 61
April 19, 1901, by balance	\$	443 91

WOODWORTH AVENUE AND SOUTH UNION STREET SEWER FUND.

Dr.

1901.		
April 19, 1901, to balance.	\$	198 00
		<hr/>
	\$	198 00

Cr.

1901.		
April 19, 1901, by receipts	\$	198 00
		<hr/>
	\$	198 00
April 19, 1901, by balance.	\$	198 00

BALANCES.

Cr.

General	\$	6,024 35
Contingent		435 52
Fire department		22,083 14
Police department		22,724 94
First ward highway		499 30
Second ward highway		300 85
Third ward highway		39,811 00
Fourth ward highway		1,956 25
Fifth ward highway		1,000 08

Sixth ward highway.....	\$ 381 04
Seventh ward highway.....	85 75
Eighth ward highway.....	238 49
Ninth ward highway.....	716 25
Tenth ward highway.....	375 77
Eleventh ward highway.....	412 72
Twelfth ward highway.....	482 61
First sewer district.....	288 59
Second sewer district.....	95 96
Third sewer district.....	355 44
Bridge.....	2,553 22
Public lighting.....	2,862 22
Library.....	163 00
Poor.....	803 37
Police court.....	1,432 51
Superior court.....	904 43
Justice court.....	1,478 20
Park.....	331 66
John Ball park.....	667 26
Lincoln park.....	104 29
Water works income.....	1,119 63
Valley City cemetery.....	4,737 59
Greenwood cemetery.....	245 53
City hall interest.....	3,750 00
Police and fire pension.....	183 02
Market.....	8,449 60
Sinking.....	151,175 73
Electric lighting.....	1,127 11
John Ball park extension.....	545 78
Special bonds interest.....	3,010 50
Market bonds interest.....	1,503 50
Greenhouse.....	312 43
Electric light bonds interest.....	2,508 75
A. Campau park.....	690 68
Health.....	1,846 78
Canal bridge.....	18,143 96
Redemption on deposit.....	165 48
Board of education.....	236 24
Engine house No. 11.....	8,000 00
Street improvement bonds.....	195,612 26
Road roller.....	90 64
Godfrey avenue sewer.....	1,065 00
Rumsey street sewer.....	179 47
Canal street paving.....	100 41
Paris avenue sewer.....	225 68
Cedar street sewer.....	443 91
Woodworth avenue and South Union street sewer.....	198 00
<hr/>	
	\$ 476,000 98
Dr.	
Water works.....	\$ 2,807 32
G. R. National Bank.....	\$70,801 58
Kent County Savings Bank.....	100,000 00
Cash.....	1,673 35
Unpaid checks.....	1,017 68
<hr/>	
	\$ 476,300 93

STATEMENT OF CITY AND HIGHWAY TAXES FOR YEAR 1900.

Amount of rolls	\$ 435,544 67	
Amount of fees	2,582 11	
Amount collected		\$ 431,338 08
Amount uncollected, real estate		4,177 50
Amount uncollected, personal		2,591 20
	<u>\$ 438,126 78</u>	<u>\$ 433,126 78</u>

STATEMENT OF STATE, COUNTY AND SCHOOL TAXES FOR YEAR 1900.

Amount of rolls	\$ 448,042 91	
Amount of fees	5,226 29	
Amount collected		\$ 430,140 83
Amount uncollected, real estate		18,570 89
Amount uncollected, personal		4,458 18
Amount rejected		99 30
	<u>\$ 453,269 20</u>	<u>\$ 453,269 20</u>

MARCUS A. FROST,
City Treasurer.

ANNUAL REPORT OF CITY COMPTROLLER.

OFFICE OF CITY COMPTROLLER, }
GRAND RAPIDS, MICH., April 30, 1901. }

*To the Honorable, the Mayor and Common Council of the
City of Grand Rapids:*

GENTLEMEN—I herewith respectfully submit my eighth annual report as comptroller of the city of Grand Rapids, covering a period from April 19, 1900, to April 19, 1901.

This report, as usual, includes a detailed statement of the cost of maintaining the several departments of the city; a statement of our bonded debt compared with 1899-1900; an inventory of municipal property, both personal and real; a detailed statement of money expended in special improvements during the period above mentioned; a statement of quit claim deeds issued through this department during the year, and a report of tax titles acquired by the city for non-payment of special and direct taxes.

In my annual report of this year you will also find comparative tables of the expenditures and receipts of the city for the past two years; the amount of taxes collected by the City Treasurer, and the amounts returned as uncollected by him in detail; also tables showing the amount of the rolls charged to the City Treasurer for collection for state, county and school tax, and the amount charged the Board of Public Works

for water rates, and the amount credited to the Board of Public Works for collections.

During the past year we have issued 137 quit claim deeds, receiving \$3,149.03 therefor. Of the unpaid city and highway tax of 1899 there was reported to this department about 900 certificates, and for 1900 there will be reported about the same. The number of unpaid pieces of property in the returns of 1900 number 1,147, amounting to \$4,177.50.

The total amount of city and highway rolls turned over to the City Treasurer for collection for 1899 was \$400,011.34, of which there was collected \$393,895.70, and returned as uncollected, \$6,129.80; as compared with 1900, the total amount of the rolls this year being \$435,546.38, of which there was collected \$428,775.97, and returned as uncollected, \$6,768.70, which shows an encouraging proportionate increase of tax collections.

The bonded debt one year ago was \$2,087,000, and today is \$2,041,000—which will be reduced on the first day of May \$150,000 more, leaving the bonded debt \$1,891,000, this being the lowest the bonded debt has been in six years.

I desire to express my unqualified satisfaction with the workings of the new system of accounting. It has been in operation one full year, and has proven of considerable benefit to the various departments which come in contact with the Comptroller's office. In connection with this, I make the following recommendations:

It has been the practice that when reports are received from the several departments of the city, relating to collection of moneys, and referred to some of the committee of your honorable body, that instead of examining and checking the report against the books of the department reporting, the committee—as a rule—

having charge of such reports simply report that the report has been 'examined and found correct,' without an examination of the books from which the report is taken.

During the past two years the Committee on Ways and Means of your honorable body has employed at different times during that period an expert to examine books and reports of the various departments of the city's government. I fully concur with the plan of the Committee on Ways and Means in employing an expert once in two years to thoroughly examine the books of the various departments; but I think it entirely unnecessary to expend money for expert examinations oftener than once in two years, unless occasion should warrant it. I therefore recommend that during the coming year, when reports are handed in from various departments to your honorable body, that the committees to whom they are referred authorize the Comptroller to examine the reports and check back the books of the department making the report, which can and will be done without additional expense to the city, thus saving the unnecessary cost of expert services.

No action has been taken thus far during the present session of the legislature to provide for a Sinking Fund Commission, as was recommended in my last annual report, and I again urge that some steps be taken to promote the action of the legislature to carry out such a plan.

I take this opportunity of thanking the members of your honorable body for various courtesies extended to me and assistance rendered in the discharge of my duties.

Respectfully submitted,

LEO A. CARO,

City Comptroller.

OFFICE OF CITY COMPTROLLER,
GRAND RAPIDS, MICH., April 19, 1901. }

*To the Honorable Mayor and Common Council of the
City of Grand Rapids:*

GENTLEMEN—The following is a statement of the amount of tax titles held by the city of Grand Rapids against various pieces of property in said city, which have been sold for the non payment of special improvement taxes sidewalk and nuisance taxes, and the city and highway taxes of 1896, 1897, 1898 and 1899, as per Comptroller's records, April 19, 1901 :

Number of certificates for special improvements for which the city holds deeds	1,582	
Face value of same		\$ 48,752 12
City and highway taxes of 1896. Number of certificates	237	
Face value of same		1,020 61
City and highway taxes of 1897. Number of certificates	279	
Face value of same		1,026 74
City and highway taxes of 1898. Number of certificates	337	
Face value of same		891 71
City and highway taxes of 1899. Number of certificates	533	
Face value of same		1,665 59
Totals	2,968	\$ 53,356 77
Number of uncollectable certificates for special improvements	1,296	
Face value of same		\$ 45,346 90
City and highway taxes of 1896. Uncollectable certificates.....	151	
Face value of same		848 94
City and highway taxes of 1897. Uncollectable certificates.....	193	
Face value of same		882 06
City and highway taxes of 1898. Uncollectable certificates.....	217	
Face value of same		669 62
City and highway taxes of 1899. Uncollectable certificates.....	207	
Face value of same		648 70
Totals	2,064	\$ 48,426 21
RECAPITULATION.		
Total number and value of certificates.....	2,968	\$ 53,356 77
Total number and value of certificates uncollectable.....	2,064	48,426 21
Number and value of certificates collectable	904	\$ 4,930 50

Respectfully submitted,

LEO A. CARO,

City Comptroller.

C. E. BIGELOW,

Tax Title Clerk.

REPORT OF COMPTROLLER,

City Depository.

DR.

To balance, April 19, 1900.....\$ 498,820 01
 To cash deposited.....1,076,470 10

\$ 1,575,290 11

CR.

By warrants.....\$ 1,304,488 53
 By balance, April 19, 1901.....370,801 58

\$ 1,575,290 11

General Fund.

Dr.

To transfers.....\$ 9,111 56
 To disbursements.....110,970 37
 To balance, April 19, 1901.....6,382 32

\$ 126,414 25

Cr.

By balance, April 19, 1900.....\$ 17,070 79
 By appropriation.....33,107 67
 By transfers.....27,734 76
 By licenses.....13,448 75
 By redemptions.....3,974 61
 By quit claims.....2,866 08
 By sidewalks.....868 79
 By general tax redemptions.....4,831 95
 By interest.....15,116 12
 By sundries.....5,987 61
 By building inspector.....829 00
 By marshal.....405 76
 By Chattel mortgages.....172 50

\$ 126,414 25

General Fund.

EXPENDITURES IN DETAIL.

April 25, 1900, to April 17, 1901.

Common Council.....\$ 13,510 02
 Mayor.....2,781 53
 Interest on orders.....61 71
 Redemptions.....214 46
 Board of prisoners.....3,460 50
 Street openings.....46 00
 Elections.....7,106 74
 Superior Court Stenographer.....1,909 92
 Comptroller.....5,761 27
 Clerk.....7,055 02
 Treasurer.....6,505 98
 Tax department.....6,775 73
 Attorney.....6,224 92

Marshal	11,685 94
Printing and advertising.....	1,170 84
Board of Public Works	11,923 82
Board of Assessors.....	5,888 67
City Hall.....	10,211 48
Milk Inspector	1,806 98
Building Inspector.....	923 25
Damages.....	342 65
Recording deeds.....	7 70
Lighting tower.	84 00
Cemetery Commissioners	250 00
Water Commission.....	2,428 86
Expert examinations	250 00
Mounting Spanish Canon.....	224 97
Street sweeper.....	101 78
Labor on big ditch	84 76
Primary election.	1,119 78
State and county tax.....	53 64
Refund of tax	291 68
Rebate on ordinance.....	53 41
Refund building permit.....	2 00
Annual reports and manuals	1,145 91
Livery	5 00
Observatory square	36 10
Miscellaneous	11 00

\$ 110,970 37

Common Council.

April 25, 1900 to April 17, 1901.

Salaries.	\$ 8,400 00
Supplies.....	12 75
Engrossing resolutions	43 95
Books, blanks, etc	53 00
Printing proceedings.....	3,771 08
Printing ordinances.....	616 25
Trips	441 75
Dues L. of A. M	30 00
Convention—L. O. M. M.....	37 86
Livery—Dewey parade.	45 00
Message to Paul Kruger.....	2 38

\$ 12,510 02

Mayor's Department.

April 25, 1900 to April 17, 1901.

Salary ..	\$ 1,400 00
Secretary and assistant	971 26
Postage.....	38 00
Books, blanks, etc	51 90
Messages.....	61 29
Telephone ..	45 00

Supplies	27 15
Illustrated Grand Rapids.....	90 00
Express	1 80
Trips	95 18

\$ 2,781 53

City Attorney's Department.

April 25, 1900 to April 17, 1901.

Salaries	\$ 5,466 78
Stationery.....	21 15
Blanks.....	12 25
Books.....	181 25
Stenographing	197 19
Abstracts.....	3 70
Briefs.....	37 80
Postage.....	90 50
Telephone	9 00
Railroad expenses	28 35
Transcript.....	161 65
Supreme Court opinions.....	18 00
Supplies	90 14
Messages	4 40
Fees	16 20
Toll	50
Express	31
G. R. Law Library dues.....	18 75

\$ 6,294 02

City Marshal's Department.

April 25, 1900 to April 17, 1901.

Salaries	\$ 3,768 00
Approaches.....	2,528 72
Supplies	40 88
Stationery	13 50
Horse Feed.....	180 00
Books and blanks	37 50
Labor.....	1,350 98
Postage	18 25
Sidewalks.....	1,640 00
Nails.....	120 88
Lumber	1,286 58
Nuisance	355 00
Retaining wall.....	100 00
Repairs.....	25

\$ 11,635 94

City Comptroller's Department.

April 25, 1900, to April 17, 1901.

Salaries	\$ 5,110 09
Books.....	184 44
Blanks.....	95 99

Stationery.....	6 10
Postage.....	150 00
Check books.....	122 96
Telephone.....	9 00
Supplies.....	120 04
Messages.....	1 30
Repairs.....	4 50
Notary commissions.....	6 25

\$ 5,761 27

City Clerk's Department.

April 25, 1900, to April 17, 1901.

Salaries.....	\$ 6,406 47
Supplies.....	24 20
Postage.....	95 09
Blanks.....	74 00
Books.....	91 73
Stationery.....	33 02
Telephone.....	51 00
Dog license tags.....	70 50
Miscellaneous license tags.....	126 00
Laundry.....	9 00
Refund of licenses.....	65 83
Miscellaneous.....	1 18

\$ 7,055 03

City Treasurer's Department.

April 25, 1900, to April 17, 1901.

Salaries.....	\$ 6,262 50
Postals.....	58 48
Postage and revenue.....	58 33
Books.....	57 95
Blanks.....	5 00
Stationery.....	29 50
Telephone.....	12 00
Supplies.....	26 47
Express on coupons.....	2 75

\$ 6,505 98

Tax Department.

April 25, 1900, to April 17, 1901.

Salaries.....	\$ 4,792 50
Supplies.....	31 26
Postage and postals.....	116 25
Books.....	237 50
Blanks.....	30 58
Advertising.....	1,567 64

\$ 6,775 23

Board of Public Works.

April 25, 1900, to April 17, 1901.

Office salaries	\$ 1,827 96
Engineer's and assistants' salaries	7,956 58
Supplies	295 74
Livery	239 50
Members' salaries	1,354 50
Books, blanks and stationery	232 18
Street car	314 80
Postage	109 61
Telephone	51 00
Abstracts	21 85
Tumbling brick	10 22
Convention	42 70
Repairs	51 39
Half-tones	30 18
Miscellaneous	19 63

\$ 11,923 82

City Hall Department.

April 25, 1900, to April 17, 1901.

Custodian	\$ 364 00
Employees' salaries	4,992 75
Supplies	267 25
Repairs	359 14
Plumbing	160 08
Coal	1,176 23
Ice	137 09
Gas	1,429 76
Furniture	187 44
Water	141 34
Elevator—water and insurance	632 77
Laundry	18 50
G. R. Messenger & Packet Co	77 45
Plants	65 00
Decorations—Dewey Day	100 00
Platform—Dewey Day	3 74
Telephone	9 00
Hauling ashes	60 00

\$ 10,911 48

Building Inspector.

April 25, 1900, to April 17, 1901.

Salary	\$ 900 00
Stationery and blanks	10 75
Books	8 50
Postage	4 00

\$ 923 25

Milk Inspector.

April 25, 1900, to April 17, 1901.

Salaries	\$ 1,400 00
Books and blanks	8 15
Stationery	3 00
Supplies	6 27
Postage	70
Telephone	24 00
Livery	157 79
Miscellaneous	7 02

\$ 1,606 93

Board of Assessors' Department.

April 25, 1900, to April 17, 1901.

Salaries	\$ 4,775 07
Books	243 99
Blanks	93 50
Stationery	34 50
Telephone	24 00
Postage	142 00
Supplies	22 63
Messages	2 05
Notary Commissions	12 00

\$ 5,388 07

Fire Department Fund.

Dr.

To disbursements ..	\$ 114,044 08
To balance April 19, 1901	21,958 38

\$ 136,002 41

Cr.

By balance April 19, 1900	\$ 11,012 80
By collections	1,289 61
By appropriation	117,000 00
By transfer ..	6,700 00

\$ 136,002 41

Fire Department.

April 25, 1900, to April 17, 1901.

Salaries	\$ 97,394 50
Repairs	1,217 01
Supplies	2,293 13
Shoeing	1,312 31
Hose and apparatus	1,686 07
Feed and bedding	2,375 09
Horses	1,625 00
Lighting	231 80
Edison Light Co.	99 00
Secretary's disbursements	2,924 19
Laundry	18 60

REPORT OF COMPTROLLER,

Veterinary	\$ 310 30
Water	389 50
Fuel	1,364 25
Telephone	46 50
Books, blanks and stationery	169 29
Assessment Crescent Court improvement	30 25
Assessment Diamond street sewer	64 50
Assessment S. Diamond street improvement	288 75
Livery	18 00
Railroad expenses	79 92
Advertising	29 00
Freight	32 96
Convention	41 00
Surveying	2 00
Examination	3 00
Delivering reports	3 87
	<hr/>
	\$ 114,044 08

Police Department Fund.

Dr.	
To disbursements	\$ 77,880 06
To balance April 19, 1901	22,718 96
	<hr/>
	\$ 100,519 02
Cr.	
By balance, April 19, 1900	\$ 5,029 02
By collections	470 00
By appropriation	85,000 00
By transfers	10,030 00
	<hr/>
	\$ 100,519 02

Police Department.

April 25, 1900, to April 17, 1901.

Salaries	\$ 73,272 65
Repairs	441 89
Supplies	565 64
Shoeing	222 01
Feed and bedding	467 83
Horses	385 00
Lighting	275 15
Secretary's disbursements	632 79
Telegrams and telephone	133 81
Pound account	198 58
Books, blanks and stationery	170 36
Coal, ice and water	755 86
Truant's Rig	52 50
Barn rent	60 00
Livery	6 50
Veterinary	66 66
Dues—N. B. of I.	10 00
Assessment, Ottawa street improvement	98 95
Delivering reports	3 88
	<hr/>
	\$ 77,900 06

Contingent Fund.**Dr.**

To transfer	\$ 83,544 98
To disbursements	9,557 44
To balance April 19, 1901	344 30

\$ 93,446 67

Cr.

By balance April 19, 1900	\$ 7,585 24
By transfers	42,994 88
By stone	485 88
By liquor licenses	43,090 57

\$ 93,446 67

Contingent Fund

April 25 1900, to April 17, 1901.

Supervisors	\$ 119 70
Clerks, Board of Assessors	7,081 66
Damages	672 07
Stone	259 54
Overseeing prisoners	777 50
Yellows commissioners	310 00
Stone crusher	2 25
Soldier account	149 00
Second installment Crescent avenue and Bostwick improvement	220 72
Livery	12 00
Examination	10 00

\$ 9,557 44

Poor Fund**Dr.**

To disbursements	\$ 16,016 56
To transfer	4,500 00
To balance April 19, 1901	603 37

\$ 21,119 93

Cr.

By balance April 19, 1900	\$ 2,389 69
By collections	130 24
By appropriation	18,000 00
By transfer	600 00

\$ 21,119 93

Poor Fund.

April 25, 1900, to April 17, 1901.

Salaries	\$ 4,434 86
Board and care of city charges	614 37
Hospitals	2,418 63
Cemetery commissioners	51 00
Burials	229 75
Milk	23 60
Shoe orders	199 20

REPORT OF COMPTROLLER,

Meat orders	\$ 49 37
Clothing orders	38 28
Wood and delivery	5,081 06
Medicines	747 05
Supplies	1,847 94
Car fare and transportation	185 02
Office supplies	51 00
Livery	16 00
Petty cash	25 00
Miscellaneous	3 23
	<hr/>
	\$ 16,016 56

Poor Supply Store Account.

April 25, 1900, to April 17, 1901.

34,100 pounds flour	\$ 626 50
10 bags, 31½ bushels beans	111 92
26 barrels pork	386 00
1,202 pounds coffee	143 70
4½ chests tea	121 54
2,558 pounds rice	114 48
11 barrels sugar	199 70
5 barrels syrup	44 82
Matches	9 81
8 barrels salt	9 24
32 boxes soap	63 30
Paper and twine	9 91
500 pounds barley	12 63
3 barrels rolled oats	9 86
Miscellaneous	4 50
	<hr/>
	\$ 1,847 94

Superior Court Fund.

Dr.

To disbursements	\$ 3,688 18
To transfer	600 00
To balance, April 19, 1901	904 43
	<hr/>
	\$ 5,192 61

Cr.

By balance, April 19, 1900	\$ 57 61
By transfers	600 00
By appropriation	4 000 00
By collections	585 00
	<hr/>
	\$ 5,192 61

Superior Court.

April 25, 1900, to April 17, 1901.

Salaries	\$ 1,200 00
Attendance	1,722 08
Fees	229 50
Mileage	99 85
Supplies	33 00

Books.....	\$ 72 50	
Blanks and stationery	83 60	
Postage and revenue.....	21 00	
Telephone	24 00	
Calendars and jury lists	146 95	
Returns to Governor.....	44 00	
Advertising.. . . .	9 80	
Express	1 90	
		\$ 2,688 18

Police Court Fund.**Dr.**

To disbursements.....	\$ 2,223 58	
To balance, April 19, 1901	1,482 51	
		\$ 3,706 08

Cr.

By balance, April 19, 1900	\$ 501 08	
By appropriation.....	2,000 00	
By collections	1,204 95	
		\$ 3,706 08

Police Court.

April 25, 1900, to April 17, 1901.

Salaries	\$ 1,899 96	
Witness fees.....	59 04	
Jury fees	30 00	
Supplies.....	30 55	
Books	38 00	
Blanks and stationery	153 35	
Telephone	19 00	
Postage.....	7 00	
		\$ 2,223 52

Justice Court Fund.**Dr.**

To disbursements.....	\$ 3,631 87	
To balance, April 19, 1901	1,481 90	
		\$ 5,113 07

Cr.

By balance, April 19, 1900.....	\$ 2,336 37	
By collections	2,376 70	
		\$ 5,113 07

Justice Court.

April 25, 1900, to April 17, 1901.

Salaries	\$ 3,438 52	
Books.....	50 95	
Blanks	65 00	
Stationery.....	35 60	
Supplies.....	22 66	
Postage and revenue	13 74	
		\$ 3,631 57

REPORT OF COMPTROLLER,

John Ball Park Fund.

Dr.

To disbursements	\$ 8,493 47
To transfer	3,737 31
To balance April 19, 1901	664 26

\$ 12,895 07

Cr.

By balance April 19, 1900	\$ 515 79
By transfers	4,937 34
By appropriation	7,000 00
By collection	441 94

\$ 12,895 07

John Ball Park Fund

April 23, 1900, to April 17, 1901.

Pay roll ..	\$ 5,357 98
Supplies	653 82
Fuel	3 96
Feed	471 45
Park improvements	124 50
General repairs	360 36
Books, blanks and stationery	8 60
Animals	50 00
Board of horse	12 00
Musio	881 50
Freight	40 57
Rent of chairs ..	4 50
Ice	24 23

\$ 8,493 47

John Ball Park Extension Fund.

Dr.

To disbursements	\$ 4,633 34
To balance April 19, 1901	545 78

\$ 5,179 12

Cr.

By balance April 19, 1900	\$ 3,179 12
By appropriation	2 000 00

\$ 5 179 12

Park Fund.

Dr.

To disbursements	\$ 3,991 22
To transfers	1,844 45
To balance April 19, 1901	331 66

\$ 6,167 33

Cr.

By balance April 19, 1900	\$ 197 88
By transfers	1,044 45
By appropriation	4,925 01

\$ 6,167 33

Park Fund.

April 25, 1900, to April 17, 1901.

Highland	\$ 800 88	
Fulton	1,023 45	
Monument	91 50	
E. Bridge street	76 87	
Crescent	674 50	
State street	81 33	
Foster	218 15	
Ellsworth	67 95	
Lookout	652 91	
Pearl	50 35	
Hosken	26 26	
DeConner	111 39	
Board of horse	12 00	
Cutter	94 00	
Cartage	9 60	
Dirt	10 00	
		\$ 3,901 22

Lincoln Park Fund.

Dr.

To disbursements	\$ 1,644 11	
To transfer	668 02	
To balance April 19, 1901	104 29	
		\$ 2,416 42

Cr.

By balance April 19, 1900	\$ 116 40	
By transfers	493 02	
By appropriation	1,800 00	
By collections	7 00	
		\$ 2,416 42

Lincoln Park Fund.

Pay roll	\$ 1,137 53	
Supplies	54 50	
Flowers and nursery stock	358 25	
Repairs	80 31	
Horse board	13 25	
Freight	27	
		\$ 1,644 11

Antoine Campau Park Fund.

Dr.

To disbursements	\$ 2,670 10	
To balance April 19, 1901	690 68	
		\$ 3,360 78

Cr.

By balance April 19, 1900	\$ 210 78	
By transfers	650 00	
By appropriation	2,500 00	
		\$ 3,360 78

REPORT OF COMPTROLLER,

Antoine Campan Park Fund.

April 25, 1900, to April 17, 1901.

Pay roll	\$ 1,433 37
Flowers and nursery stock	937 90
Supplies	85 13
Repairs	129 70
Freight	57 00
Horse board	27 00
	<hr/>
	\$ 2,670 10

City Greenhouse Fund.

Dr.

To transfers	\$ 1,500 00
To disbursements	4,451 26
To balance April 19, 1901	963 27
	<hr/>
	\$ 6,214 53

Cr.

By balance April 19, 1900	\$ 163 63
By appropriations	4,000 00
By transfers	900 00
By collections	1,150 90
	<hr/>
	\$ 6,214 53

City Greenhouse Fund.

April 25, 1900, to April 17, 1901.

Pay roll	\$ 3,396 90
Supplies	42 85
Fuel	185 78
Flowers	215 83
Pots	92 81
Repairs	431 43
Telephone	30 00
Freight and cartage	14 01
Board of horse	41 65
	<hr/>
	\$ 4,451 26

Market Fund.

Dr.

To transfers	\$ 3,091 00
To disbursements	3,043 24
To balance April 19, 1901	8,449 60
	<hr/>
	\$ 15,113 84

Cr.

By balance April 19, 1901	\$ 8,590 94
By collections	6,532 90
	<hr/>
	\$ 15,113 84

Market Fund.

April 24, 1900 to April 17, 1901.

Pay roll	\$ 1,610 46	
Supplies	72 07	
Repairs	53 37	
Dirt	553 70	
Assessments Waterloo street improvement	1,295 82	
Telephone	24 00	
Laundry	5 40	
Sprinkling	10 00	
Refund	4 25	
Insurance	14 17	
		\$ 3,643 24

Public Lighting Fund.

Dr.

To disbursements	\$ 21,559 06	
To balance April 19, 1901	2,832 60	
		\$ 24,391 66

Cr.

By balance April 19, 1900	\$ 4,376 80	
By appropriation	20,000 00	
By collections	14 86	
		\$ 24,391 66

Public Lighting Fund.

April 23, 1900, to April 17, 1901.

Pay roll	\$ 8,987 57	
Repairs	899 03	
Supplies	2,788 72	
Fuel	7,573 11	
Telephone	45 83	
Board of Public Works—office account	377 50	
Office supplies	85 50	
Horses feed and straw	219 72	
Freight	66 03	
Edison Light Co.	184 22	
Livery	23 50	
Laundry	15 00	
Veterinary	35 75	
Shoeing	80 20	
Insurance	150 00	
Surveying	27 00	
Messages	1 38	
		\$ 21,559 06

Electric Light Fund.

Dr.

To disbursements	\$ 3,435 68	
To transfers	27,837 57	
To balance April 19, 1901	1,127 11	
		\$ 31,960 36

REPORT OF COMPTROLLER,

Cr.

By balance April 19, 1900.....	\$ 530 95
By transfers.....	1,419 90
By appropriation.....	30,000 00
By order cancelled and returned to city treasurer	20

\$ 31,950 85

Electric Light Fund.

April 25, 1900, to April 17, 1901.

Pay roll ..	\$ 259 25
Repairs.....	332 00
Supplies	715 05
Apparatus.....	750 38
Station	1,072 47
Office supplies.....	11 08
Cedar posts	250 00
Livery	44 25

\$ 3,435 08

Electric Light Extension Fund.

Dr.

To disbursements.....	\$ 2,500 00
-----------------------	-------------

\$ 2,500 00

Cr.

By appropriation	\$ 2,500 00
------------------------	-------------

\$ 2,500 00

Electric Light Extension Fund.

April 25, 1900, to April 17, 1901.

Pay roll	\$ 570 85
Supplies	1,683 05
Repairs	110 04
Freight and cartage	111 20
Livery.....	24 24

\$ 2,500 00

Health Fund.

Dr.

To disbursements.....	\$ 19,749 18
To balance April 19, 1901	1,777 88

\$ 21,527 06

Cr.

By balance April 19, 1900.....	\$ 5,431 84
By collections.....	4,095 22
By appropriation.....	12,000 00

\$ 21,527 06

Health Fund.

April 25, 1900, to April 17, 1901.

Salaries	\$ 3,400 00	
Inspecting	4,649 98	
Quarantine and hospital	4,686 57	
Supplies	672 90	
Stationery	31 23	
Books, blanks, etc	101 43	
Reporting contagious diseases	224 70	
Physician—contagious diseases	1,608 75	
Postage	39 02	
Cartage	16 00	
Livery	72 00	
Burials	51 00	
Bacteriologist	273 00	
Plumbing Inspector—salary, etc	440 49	
Garbage burner	4,319 52	
Dump	15 00	
Guinea pigs	13 00	
Messages	1 92	
Insurance	70 00	
Railroad expenses	51 28	
Miscellaneous	18 39	
		\$ 19,749 18

Plumbing Inspector.

Salary	\$ 353 24	
Supplies	2 00	
Books, blanks, etc	83 25	
Postage	2 00	
		\$ 440 49

Garbage Burner.

Pay roll	\$ 1,940 44	
Repairs	406 01	
Supplies	70 52	
Fuel	1,620 80	
Water	5 00	
Cartage	69 75	
		\$ 4,312 52

Water Works Fund.

Dr.

To disbursements	\$ 18,147 54	
		\$ 18,147 54

Cr.

By balance April 12, 1900	\$ 2,707 25	
By transfers	11,242 97	
By collections	1,568 27	
By balance April 19, 1901	2,639 05	
		\$ 18,147 54

Water Works Fund.

April 25, 1900, to April 17, 1901.

Repair pay roll.....	\$ 5,003 14
Laying mains	4,730 27
Freight.....	298 24
Supplies.....	1,377 61
Repairs.....	1,854 35
Meters.....	4,081 32
Labor, etc., on new boiler.....	608 27
Messages	10 25
Transcript.....	4 90
Surveying	100 00
Advertising	22 30
Refund	4 89
Damages.....	57 80

\$ 18,147 54

Water Works Income Fund.

Dr.

To disbursements.....	\$ 94,684 01
To transfers.....	45,429 71
To balance April 19, 1901	1,116 50

\$ 141,230 22

Cr.

By balance April 19, 1900.....	\$ 2,958 23
By transfers	35,000 00
By collections	113,270 99

\$ 141,230 22

Water Works Income Fund.

April 25, 1900 to April 17, 1901.

Office salaries	\$ 3,124 94
Inspectors' salaries	4,118 12
Repair pay roll	7,105 11
Pumping station pay roll	8,935 31
Freight and cartage.....	91 53
Supplies	3,320 47
Repairs.....	2,383 87
Fuel	13,659 30
Books, blanks, etc.....	628 38
Addressograph	90 43
Refunds	136 87
Advertising	201 54
Economy in coal	2,339 13
Postage	89 58
Car fare and livery	263 25
Dues—American Water Works Association	10 00
Horse, barn rent, etc.....	238 05
Laundry	27 40
Messages	8 46

Telephone	\$ 107 67
Insurance and bonds	42 00
Surveying	169 00
Expert accountant	51 50
Putting in scales	139 80
Assessment—Canal street improvement	111 00
Petty cash	900 00
Reservoir damages and Canal street	47,038 00

\$ 94,684 01

Reservoir Account—Detailed.

Repairs to street and private property—labor including Supt....	\$ 6,189 20
Teams	2,006 85
Repairs to reservoir—labor	4,348 04
Stone column	12 60
Hayden & Appleyard	706 64
Adjusters' services	1,425 00
Engineer Samuel Gray	1,886 35
Relief	81 39
Damages allowed	18,149 30
Material and supplies	2,583 75
Telephone	5 64
Canal street damages	9,368 06
Advertising	14 73
Cartage	6 00
Sprinkling	16 00
Livery	3 00
Message	8 65
Rolling	254 80
Surveying	25 00

\$ 47,038 00

Valley City Cemetery Fund.**Dr.**

To disbursements	\$ 12,476 74
To transfer	4,000 00
To balance April 19, 1901	4,723 17

\$ 21,199 91

Cr.

By balance April 19, 1900	\$ 4,597 96
By transfer	4,000 00
By collections	12,601 95

\$ 21,199 91

Valley City Cemetery Fund.

April 25, 1900 to April 17, 1901.

Pay roll	\$ 6,509 21
Sexton	825 00
Improvements	163 26
Repairs	1,108 45

Flowers and nursery stock.....	\$ 391 77
Water.....	418 49
Postage.	11 00
Books, etc.	50 70
Telephone	40 00
Supplies	472 61
10% gross receipts	1,410 35
Secretary's salary ..	150 00
Coal.	99 35
Freight and express.....	24 16
Purchase of lots.....	150 00
Interest.. ..	638 89
Premium on bond	10 00
Rent of safe .. .	3 00
Fees	50
	<hr/>
	\$ 12,476 74

Greenwood Cemetery Fund.

Dr.

To disbursements.....	\$ 6,532 58
To balance April 19, 1901.....	237 08
	<hr/>
	\$ 6,769 61

Cr.

By balance April 19, 1901.....	\$ 2,381 81
By collections.....	4,487 80
	<hr/>
	\$ 6,769 61

Greenwood Cemetery Fund.

April 25, 1900, to April 17, 1901.

Pay roll	\$ 2,398 03
Sexton.	733 96
Improvements	2,502 04
Repairs... ..	143 08
Flowers, etc.....	6 40
Water	81 51
Telephone ...	42 50
Supplies	177 94
10 per cent. gross receipts	375 85
Books, etc.....	41 00
Fuel	35 52
Secretary	25 00
Livery and car fare.....	15 20
Surveying	17 00
Insurance	20 25
Tablet.....	18 00
	<hr/>
	\$ 6,532 58

Board of Education Fund.**Dr.**

To transfer	\$ 248 74
To F. M. Davis	77,236 51
To balance April 19, 1901	236 94

\$ 77,720 79

Cr.

By balance April 19, 1900	\$ 68 14
By transfer	14 13
By collections	77,644 52

\$ 77,720 79

Redemption on Deposit Fund.**Dr.**

To disbursements	\$ 1,660 14
To balance April 19, 1901	152 07

\$ 1,712 21

Cr.

By balance April 19, 1900	24 64
By collections	1,687 57

\$ 1,712 21

Sinking Fund.**Dr.**

To transfer	\$ 4,000 00
To balance April 19, 1901	151,175 73

\$ 155,175 73

Cr.

By balance April 19, 1901	\$ 155,175 73
By transfers	4,000 00
By appropriation	15,000 00

\$ 155,175 73

Special Improvement Bond Fund.**Dr.**

To bonds and interest	\$ 1,499 50
To transfers	152,853 52
To balance April 19, 1901	195,612 26

\$ 498,415 78

Cr.

By balance April 19, 1900	\$ 235,592 77
By transfers	160,630 13
By bonds	102,192 88

\$ 498,415 78

Amt. in special improvement bond fund belonging to 7th issue ..	\$ 12,796 29
Amt. in special improvement bond fund belonging to 8th issue ..	38,932 88
Amt. in special improvement bond fund available to pay bonds ..	144,193 09

Total bal. special improvement bond fund April 19, 1901..... \$ 195,612 26

REPORT OF COMPTROLLER,

General Tax Fund.

Dr.

To budget	\$ 438,638 61	
To Board of Education	276,334 52	
	<hr/>	\$ 715 163 13

Cr.

By collections.....	\$ 715,163 13	
	<hr/>	\$ 715,163 13

Library Fund.

Dr.

To Board of Education.	\$ 932 05	
To balance April 19, 1901	163 00	
	<hr/>	\$ 1,095 05

Cr.

By balance April 19, 1900.....	\$ 71 80	
By collections,	1,023 25	
	<hr/>	\$ 1,095 05

Road Roller Fund.

Dr.

To disbursements.....	\$ 6,571 14	
To balance April 19, 1901	16 39	
	<hr/>	\$ 6,587 53

Cr.

By balance April 19, 1900.....	\$ 1,957 17	
By collections.....	4 630 36	
	<hr/>	\$ 6,587 53
Time orders issued on Road Roller Fund		\$ 1,037 81

Wealthy Avenue Bridge Fund.

Dr.

To transfer to Bridge street canal bridge.	\$ 13,698 75	
	<hr/>	\$ 13,698 75

Cr.

By balance April 19, 1900.....	\$ 13 698 75	
	<hr/>	\$ 13,698 75

Bridge Fund.

Dr.

To disbursements.....	\$ 1,294 90	
To balance April 19, 1901.....	2,550 92	
	<hr/>	\$ 3 845 82

Cr.

By balance April 19, 1900	\$ 1,345 82	
By appropriation	2,500 00	
		\$ 3,845 82

Bridge Street Canal Bridge Fund.

Dr.

To disbursements	\$ 223 27	
To balance April 19, 1901	18,129 96	
		\$ 18,353 23

Cr.

By transfer from Wealthy avenue bridge	\$ 13,098 75	
By transfer from Bridge street bridge approach	4,654 48	
		\$ 13,353 23

Bridge Street Bridge Approach Fund.

Dr.

To transfer	\$ 4,654 48	
To disbursements	77 00	
		\$ 4,731 48

Cr.

By balance April 19, 1900	\$ 4,731 48	
		\$ 4,731 48

First Sewer District Fund.

Dr.

To disbursements	\$ 2,790 01	
To balance April 19, 1901	283 39	
		\$ 3,073 40

Cr.

By balance April 19, 1900	\$ 421 64	
By appropriation	2,500 00	
By collections	151 76	
		\$ 3,073 40

Second Sewer District Fund.

Dr.

To disbursements	\$ 1,913 41	
To transfer	600 00	
To balance April 19, 1901	95 96	
		\$ 2,609 37

Cr.

By balance April 19, 1900	\$ 104 37	
By transfer	200 00	
By appropriation	2,230 00	
By collections	55 00	
		\$ 2,609 37

REPORT OF COMPTROLLER,

Third Sewer District Fund.

Dr.

To disbursements	\$ 2,480 06
To balance April 19, 1901.....	355 44

\$ 2,835 09

Cr.

By balance April 19, 1900	\$ 711 00
By appropriation	2,000 00
By collections	95 00

\$ 2,806 00

First Ward Highway Fund.

Dr.

To disbursements	\$ 4,399 55
To transfer	300 00
To balance April 19, 1901.....	495 80

\$ 5,195 35

Cr.

By balance April 19, 1900	\$ 523 30
By transfers	300 00
By appropriation	4,300 00
By collections	72 05

\$ 5,195 35

Second Ward Highway Fund.

Dr.

To disbursements	\$ 5,453 57
To transfer	400 00
To balance April 19, 1901.....	290 00

\$ 6,143 57

Cr.

By balance April 19, 1900.....	\$ 658 76
By transfer	400 00
By appropriation.....	5,000 00
By collections	94 41

\$ 6,153 17

Third Ward Highway Fund.

Dr.

To disbursements	\$ 4,355 29
To balance April 19, 1901.....	398 11

\$ 4,753 40

Cr.

By balance April 19, 1900	\$ 782 61
By appropriation	4,000 00
By collections	90 79

\$ 4,753 40

Fourth Ward Highway Fund.

Dr.

To disbursements.....	\$ 5,181 08
To balance April 19, 1901.....	1,966 00

\$ 7,186 08

Cr.

By balance April 19, 1900.....	\$ 1,079 33
By appropriation	6,000 00
By collections.....	63 70

\$ 7,186 08

Fifth Ward Highway Fund.

Dr.

To disbursements.....	\$ 2,806 04
To balance April 19, 1901.....	998 83

\$ 3,806 87

Cr.

By balance April 19, 1900.....	\$ 781 72
By appropriation	3,000 00
By collections	29 15

\$ 3,806 87

Sixth Ward Highway Fund.

Dr.

To disbursements.....	\$ 2,820 36
To transfer.....	200 00
To balance April 19, 1901.....	381 04

\$ 3,351 39

Cr.

By balance April 19, 1900.....	\$ 141 39
By transfer.....	200 00
By appropriation	3,000 00
By collections.....	10 00

\$ 3,351 39

Seventh Ward Highway Fund.

Dr.

To disbursements	\$ 2,547 46
To transfer.....	200 00
To balance April 19, 1901.....	85 75

\$ 2,833 21

Cr.

By balance April 19, 1900.....	\$ 118 25
By transfer.....	200 00
By appropriation.....	2,500 00
By collections	19 96

\$ 2,833 21

REPORT OF COMPTROLLER,

Eighth Ward Highway Fund.

Dr.

To disbursements.....	\$ 1,787 23
To transfer	300 00
To balance April 19, 1901.....	\$ 236 90

\$ 2,324 13

Cr.

By balance April 19, 1900.....	\$ 208 83
By transfer	100 00
By appropriation.....	2,000 00
By collections	20 30

\$ 2,324 13

Ninth Ward Highway Fund.

Dr.

To disbursements.....	\$ 2,788 74
To balance April 19, 1901.....	716 25

\$ 3,504 99

Cr.

By balance April 19, 1900.....	\$ 498 19
By appropriation	3,000 00
By collections	11 80

\$ 3,504 99

Tenth Ward Highway Fund.

Dr.

To disbursements.....	\$ 2,986 88
To transfer.....	400 00
To balance April 19, 1901.....	375 77

\$ 3,762 65

Cr.

By balance April 19, 1900	\$ 323 91
By transfers.....	400 00
By appropriation	3,000 00
By collections	29 69

\$ 3,762 60

Eleventh Ward Highway Fund.

Dr.

To disbursements.....	\$ 2,491 97
To transfer.....	600 00
To balance April 19, 1901.....	412 72

\$ 3,504 69

Cr.

By balance April 19, 1900.....	\$ 44 30
By transfer	400 00
By appropriation	3,000 00
By collections	60 39

\$ 3,504 69

Twelfth Ward Highway Fund.

Dr.

To disbursements.....	\$ 2,019 41
To transfer.....	300 00
To balance April 19, 1901	462 61

\$ 2,782 02

Cr.

By balance April 19, 1900	\$ 171 35
By transfer	100 00
By appropriation	2,500 00
By collections	10 77

\$ 2,782 02

Police and Fire Pension Fund.

Dr.

To disbursements.....	\$ 229 13
To balance April 19, 1901	183 02

\$ 412 15

Cr.

By balance April 19, 1900.....	\$ 127 15
By appropriation	285 00

\$ 412 15

Water Works Interest Fund.

Dr.

To interest.....	\$ 39,261 96
------------------	--------------

\$ 39,261 96

Cr.

By transfers from Water Works income	\$ 39,261 96
--	--------------

\$ 39,261 96

City Hall Interest Fund.

Dr.

To interest.....	\$ 7,500 00
To balance April 19, 1901	3,750 00

\$ 11,250 00

Cr.

By balance April 19, 1900.....	\$ 3,750 00
By appropriation.....	7,500 00

\$ 11,250 00

REPORT OF COMPTROLLER,

Special Bonds Interest Fund.

Dr.

To interest	\$ 6,081 00	
To balance April 19, 1901.....	3,010 50	
		\$ 9,081 50

Cr.

By balance April 19, 1900.....	\$ 3,010 50	
By appropriation	6,081 00	
		\$ 9,081 50

Market Bonds Interest Fund.

Dr.

To interest.	\$ 3,007 00	
To balance April 19, 1901 ..	1,503 50	
		\$ 4,510 50

Cr.

By balance April 19, 1900.	\$ 1,489 50	
By transfer from Market fund.....	3,021 00	
		\$ 4,510 50

Electric Light Interest Fund.

Dr.

To interest	\$ 5 017 50	
To balance April 19, 1901.....	2,508 75	
		\$ 7,526 25

Cr.

By balance April 19, 1900.....	\$ 2,473 75	
By appropriation.....	5,052 50	
		\$ 7,526 25

Kent County Savings Bank.

Dr.

May 7, 1900, to loan from sinking fund.....	\$ 100,000 00	
		\$ 100,000 00

Cr.

April 19, 1901, By balance.	\$ 100,000 00	
		\$ 100,000 00

City and Highway Tax.

Dr.

June 30, 1900. To First Ward Roll.....	\$ 38,699 10	
Second "	110,628 96	
Third "	59,190 10	
Fourth "	59,862 65	
Fifth "	23,785 04	

CITY OF GRAND RAPIDS, MICH.

137

June 30, 1900.	To Sixth Ward Roll	\$ 23,084 35	
	Seventh "	20,946 35	
	Eighth "	15,294 44	
	Ninth "	20,412 11	
	Tenth "	27,259 72	
	Eleventh "	21,056 08	
	Twelfth "	15,547 53	
			\$ 485,546 38

Cr.

April 19, 1901.	First Ward.	By collections	\$ 38,227 91	
		By returns—real estate	262 87	
		By returns—personal	208 22	
		By error in roll—shortage	10	\$ 38,699 10
	Second Ward.	By collections	100,991 28	
		By returns—real estate	126 79	
		By returns—personal	410 89	110,528 96
	Third Ward.	By collections	58,054 97	
		By returns—real estate	473 70	
		By returns—personal	661 43	59,190 10
	Fourth Ward.	By collections	50,096 18	
		By returns—real estate	511 05	
		By returns—personal	324 43	
		By error in roll—shortage	1 00	59,932 65
	Fifth Ward.	By collections	23,943 75	
		By returns—real estate	865 37	
		By returns—personal	73 88	
		By error in roll—shortage	2 64	23,785 04
	Sixth Ward.	By collections	22,473 43	
		By returns—real estate	465 89	
		By returns—personal	96 47	
		By error in roll—deducted	1 43	23,034 35
	Seventh Ward.	By collections	20,028 37	
		By returns—real estate	159 61	
		By returns—personal	158 37	20,343 35
	Eighth Ward.	By collections	15,058 87	
		By returns—real estate	70 00	
		By returns—personal	95 57	15,294 44
	Ninth Ward.	By collections	20,210 40	
		By returns—real estate	167 30	
		By returns—personal	44 41	20,412 11
	Tenth Ward.	By collections	26,671 27	
		By returns—real estate	337 51	
		By returns—personal	260 94	27,259 72
	Eleventh Ward.	By collections	20,974 24	
		By returns—real estate	606 81	
		By returns—personal	174 98	21,056 08
	Twelfth Ward.	By collections	15 315 31	
		By returns—real estate	140 67	
		By returns—personal	91 62	15 547 53
				\$ 435,546 38

REPORT OF COMPTROLLER,

Fees Collected on City and Highway Tax, 1900.

First Ward.....	\$ 173 21
Second Ward	306 64
Third Ward	297 44
Fourth Ward	291 36
Fifth Ward	317 41
Sixth Ward	227 49
Seventh Ward	184 02
Eighth Ward	83 10
Ninth Ward	112 20
Tenth Ward	240 30
Eleventh Ward	239 06
Twelfth Ward	156 09
	<hr/>
	\$ 2,562 11

M. A. Frost, City Treasurer.

Dr.

To returns city and highway tax, 1899.

Balance April 19, 1900	\$ 4,906 06
	<hr/>
	\$ 4 906 05

Cr.

By redemptions April 20, 1900 to April 9, 1901	\$ 3,300 46
To returns to City Comptroller (tax titles)	1,665 59
	<hr/>
	\$ 4 966 05

REVENUE

Fees collected city and highway tax, 1899	\$ 159 52
---	-----------

M. A. Frost, City Treasurer.

RETURNED PERSONAL TAX.

To balance city and highway, 1899	354 39
To balance, school, 1899	472 18
To balance State and County, 1899	285 32
	<hr/>
	\$ 1 111 82

COLLECTIONS.

By school tax	\$ 40 76
By city and highway tax	7 08
By State and County tax	24 53
By city and highway tax respread on 1900 roll	347 29
By school tax respread on 1900 roll	431 42
By State and County tax respread on 1900 roll	260 79
	<hr/>
	\$ 1,111 82

REVENUE.

Fees collected personal taxes, 1899	\$ 3 24
---	---------

M. A. Frost, City Treasurer.**RETURNED PERSONAL TAX.**

To city and highway, 1900	\$ 2,591 20	
To school, 1900.....	2,894 68	
To State and County, 1900	1,606 28	
		\$ 7,091 46

COLLECTIONS.

By city and highway	\$ 23 34	
By school	236 24	
By State and County	128 90	
By balance April 19, 1901	6,702 98	
		\$ 7,091 46

REVENUE.

Fees collected personal tax, 1900	\$ 15 51
---	----------

M. A. Frost, City Treasurer.**Dr.**

To returns city and highway tax, 1900.....	\$ 4,177 50	
To advertisements and fees on same.....	928 50	
		\$ 5,106 00

Cr.

By redemptions	\$ 177 77	
By tax sales.....	988 81	
By balance April 19, 1901.....	3,939 51	
		\$ 5,106 00

School and Delinquent Tax, 1900.**Dr.**

To First Ward roll.....	\$ 24,531 48
To Second Ward roll	90,042 53
To Third Ward roll.....	40,868 06
To Fourth Ward roll.....	38 580 23
To Fifth Ward roll	14,566 76
To Sixth Ward roll	13,707 26
To Seventh Ward roll	12,677 40
To Eighth Ward roll	9,068 34
To Ninth Ward roll	12,138 32
To Tenth Ward roll	16 969 24
To Eleventh Ward roll	12,541 46
To Twelfth Ward roll	9,110 48

\$ 294,783 56

Cr.

First Ward.	By collections.....	\$ 22,786 96	
	By returns—rejected, personal, State and Co	336 77	
	By returns—real estate	844 91	
	By returns—personal	612 82	\$ 24,531 48

Second Ward.	By collections	\$ 87,787 15	
	By returns—rejected, personal, State and Co.	381 07	
	By returns—real estate	1,160 38	
	By returns—personal	713 98	\$ 90,049 53
Third Ward.	By collections ..	38,206 05	
	By returns—rejected, personal, State and Co.	277 38	
	By returns—real estate	41 61	
	By returns—personal	509 74	
	By returns—rejected	56 38	40,858 06
Fourth Ward.	By collections	36,347 21	
	By returns—rejected, personal, State and Co.	172 69	
	By returns—real estate ..	1,737 89	
	By returns—personal	323 50	38,580 22
Fifth Ward.	By collections	13,073 32	
	By returns—rejected, personal, State and Co.	28 96	
	By returns—real estate	1,410 42	
	By returns—personal	53 84	14,565 76
Sixth Ward.	By collections	12,759 29	
	By returns—rejected, personal, State and Co.	53 92	
	By returns—real estate	321 95	
	By returns—personal	82 10	13,707 26
Seventh Ward.	By collections	11,792 40	
	By returns—rejected, personal, State and Co.	73 46	
	By returns—real estate	675 27	
	By returns—personal	126 37	12,677 40
Eighth Ward.	By collections ..	8,613 96	
	By returns—rejected, personal, State and Co.	38 18	
	By returns—real estate ..	343 19	
	By returns—personal	71 08	9,065 34
Ninth Ward	By collections	11,665 63	
	By returns—rejected, personal, State and Co.	17 51	
	By returns—real estate	417 22	
	By returns—personal	32 96	12,133 32
Tenth Ward.	By collections	15,559 01	
	By returns—rejected, personal, State and Co.	104 97	
	By returns—real estate	1,111 78	
	By returns—personal	193 43	16,969 24
Eleventh Ward.	By collections	11,159 98	
	By returns—rejected, personal, State and Co.	58 06	
	By returns—real estate	1,314 96	
	By returns—personal	106 51	12,741 46
Twelfth Ward.	By collections	8,466 28	
	By returns—rejected, personal, State and Co.	31 16	
	By returns—real estate	554 87	
	By returns—rejected, real estate, St. and Co.	47	
	By returns—personal	56 86	
	By returns—rejected	84	9,110 48
			<hr/>
			\$ 294,783 55

Fees Collected—School and Delinquent Tax, 1900.

First Ward	\$ 409 87
Second Ward	1,484 15
Third Ward	686 09
Fourth Ward	649 27
Fifth Ward	346 94
Sixth Ward	268 28
Seventh Ward	237 47
Eighth Ward	165 06
Ninth Ward	237 08
Tenth Ward	306 86
Eleventh Ward	260 57
Twelfth Ward	182 71
	<hr/>
	\$ 5,908 95

County Treasurer.

Dr.

To returned school tax, 1899	\$ 15,615 60
	<hr/>
	\$ 15,615 60

Cr.

By collections	\$ 7,991 38
By balance uncollected April 19, 1901	7,624 27
	<hr/>
	\$15,615 60

REVENUE.

Fees collected on above.	\$ 368 60
-------------------------------	-----------

County Treasurer.

Dr.

To returned school tax, 1900	\$ 12,059 67
	<hr/>
	\$ 12,059 67

Cr.

By balance April 19, 1901	\$ 12,059 67
	<hr/>
	\$ 12,059 67

COMPARATIVE STATEMENT. **TAX COLLECTIONS AND RETURNS—CITY AND HIGHWAY TAX ROLLS.**

WARDS.	COLLECTIONS 1899	COLLECTIONS 1900	RETURNS REAL-1899	RETURNS REAL-1900	RETURNS PERSONAL-1899	RETURNS PERSONAL-1900
First.....	\$ 33,196 94	\$ 33,227 01	\$ 306 20	\$ 262 87	\$ 92 05	\$ 308 32
Second.....	102,188 75	109,091 28	461 47	123 79	50 02	410 89
Third.....	54,937 01	53,054 97	815 42	473 70	47 01	661 43
Fourth.....	54,856 43	59,026 18	598 54	511 05	23 98	334 42
Fifth.....	21,645 54	22,843 75	1,005 09	895 37	5 21	73 88
Sixth.....	18,956 01	2,473 42	335 43	465 89	2 30	96 47
Seventh.....	18,296 78	20,228 37	277 25	159 61	.....	153 37
Eighth.....	14,128 59	15,058 87	70 95	70 00	18 03	93 57
Ninth.....	17,301 64	20,210 40	210 61	157 30	7 02	44 41
Tenth.....	94,627 46	26,671 27	431 33	337 51	5 83	250 94
Eleventh.....	19,643 67	20,274 34	898 59	608 81	6 01	174 98
Twelfth.....	14,167 88	15,315 31	224 75	140 90	95 45	91 62
Total.....	\$ 393,895 70	\$ 428,773 97	\$ 5,745 48	\$ 4,177 50	\$ 354 32	\$ 2,591 90

COMPARATIVE STATEMENT.

TAX COLLECTIONS AND RETURNS—SCHOOL AND DELINQUENT TAX—1900.

WARDS	COLLECTIONS 1899	COLLECTIONS 1900	RETURNS 1899	RETURNS 1900
First	\$ 21,066 36	\$ 22,793 98	\$ 1,320 24	\$ 1,794 50
Second	74,180 65	87,787 15	1,323 64	2,255 88
Third	37,770 00	38,216 03	2,430 67	2,632 01
Fourth	36,112 27	36,347 21	2,198 42	2,233 01
Fifth	13,375 85	13,072 52	1,763 74	1,493 24
Sixth	11,547 61	12,759 29	984 10	917 97
Seventh	11,434 63	11,793 40	958 51	885 00
Eighth	8,998 43	8,613 95	430 34	452 39
Ninth	10,529 48	11,065 03	600 79	467 09
Tenth	15,611 14	15,559 01	1,517 55	1,410 23
Eleventh	11,827 47	11,159 98	1,769 65	1,381 53
Twelfth	8,264 97	8,466 28	800 55	644 30
Total	\$ 280,693 36	\$ 278,166 40	\$ 16,160 90	\$ 16,617 15

REPORT OF COMPTROLLER,

BUDGET FOR 1900-1901 AS APPORTIONED BY THE CITY COMPTROLLER.

WARDS	CITY TAX	SEWER TAX	HIGHWAY TAX	TOTAL
First	\$ 35,298 20	\$ 478 00	\$ 5,000 00	\$ 40,776 20
Second	112,223 20	1,219 00	5,000 00	119,461 20
Third	52,831 80	715 00	4,500 00	58,046 80
Fourth	50,938 30	545 00	5,000 00	56,483 30
Fifth	21,764 30	233 00	3,000 00	24,997 30
Sixth	30,699 00	618 00	3,000 00	34,317 00
Seventh	18,646 70	568 00	3,000 00	22,214 70
Eighth	12,123 20	398 00	2,000 00	14,521 20
Ninth	16,437 00	461 00	3,000 00	19,908 00
Tenth	28,455 01	344 00	3,500 00	32,309 01
Eleventh	19,988 70	371 00	3,500 00	23,860 70
Twelfth	14,307 60	192 00	2,500 00	17,009 60
Totals	\$ 400,571 00	\$ 6,000 00	\$ 43,000 00	\$ 449,571 00

COMPARATIVE STATEMENT.

FUND	DISBURSEMENTS		RECEIPTS	
	1899-1900	1900-1901	1899-1900	1900-1901
General	\$119,177 10	\$110,970 37	\$ 76,854 24	\$ 81,008 77
Contingent	10,669 88	9,557 44	39,802 69	43,576 45
Fire Department	118,945 10	114,044 08	106,504 08	118,289 61
Police Department	87,270 22	77,800 06	75,596 65	86,470 00
Poor Department	15,527 06	10,016 50	10,146 82	18,180 24
Police and Fire Pension	249 96	229 13	286 00	288 00
Market	2,204 97	3,643 24	4,568 34	6,532 80
Greenhouse	4,644 00	4,451 86	5,073 85	5,150 90
Redemption on Deposit	22 06	1,560 14	47 29	1,687 87
Library	1,481 86	932 06	1,456 65	1,023 35
Road Roller	5,768 18	6,671 14	7,009 61	4,630 36
Bridge St. Canal Bridge		223 37		
Health	10,628 36	19,749 18	12,002 80	10,096 22
Bridge St. Bridge Approach	268 52		5,000 00	
Valley City Cemetery	14,480 59	12,476 74	14,826 51	12,601 95
Greenwood Cemetery	4,336 71	6,582 58	3,777 00	4,487 80
Water Works	49,416 91	18,147 54	8,517 75	1,568 27
Water Works Income	54,378 43	94,684 01	127,171 67	113,376 59
John Ball Park	18,806 41	8,493 47	20,450 78	7,441 94
Lincoln Park	2,564 38	1,644 11	2,506 00	1,897 00
Antoine Campau Park	4,727 92	2,670 10	4 00	2,500 00
Park	5,220 48	3,991 22	4,802 25	4,925 00
John Ball Park Extension	4,841 67	4,633 34	5,568 00	2,000 00
Police Court	2,106 61	2,223 52	2,714 92	3,204 93
Justice Court	3,624 63	3,631 87	4,342 67	2,276 70
Superior Court	3,905 13	3,628 18	2,229 45	4,536 00
Public Lighting	37,442 14	21,559 06	35,121 20	20,014 86
Electric Light Construction	126,084 37	3,435 06	20,004 48	39,000 00
Electric Light Maintenance		2,500 00		2,500 00
Bridge	2,664 64	1,294 90	3,687 67	2,500 00
First Sewer District	2,759 36	2,790 01	2,567 00	2,651 76
Second Sewer District	2,128 72	1,913 41	1,555 00	2,306 00
Third Sewer District	3,462 43	2,460 65	4,065 00	2,098 00
First Ward Highway	4,604 51	4,899 56	5,285 54	4,372 06
Second Ward Highway	6,623 97	5,453 57	5,439 55	5,094 41
Third Ward Highway	5,537 70	4,355 29	4,108 01	4,020 79
Fourth Ward Highway	6,473 23	5,181 08	7,086 66	6,068 70
Fifth Ward Highway	3,490 93	2,806 04	3,008 34	3,022 15
Sixth Ward Highway	3,110 97	2,820 35	3,000 00	3,010 10
Seventh Ward Highway	3,067 86	2,647 46	2,500 00	2,519 96
Eighth Ward Highway	1,804 98	1,787 23	2,000 00	2,020 30
Ninth Ward Highway	3,123 50	2,788 74	3,000 00	3,011 80
Tenth Ward Highway	3,471 76	2,986 83	3,196 40	3,029 69
Eleventh Ward Highway	3,232 14	2,491 97	3,021 00	3,080 39
Twelfth Ward Highway	2,630 82	2,019 41	2,503 50	2,510 77
Water Works Interest	39,261 96	39,261 96		
City Hall Interest	7,500 00	7,500 00	7,500 00	7,500 00
Special Bonds Interest	6,021 00	6,021 00	6,021 00	6,021 00
Market Bonds Interest	3,007 00	3,007 00		
Electric Light Bonds Interest	5,017 50	5,017 50	5,000 00	5,032 50
Total	\$626,780 19	\$664,852 24	\$670,953 04	\$ 665,482 00

BOARD OF PUBLIC WORKS.

WATER RATES—1900-1901.

West District.....	{	Schedule.....	\$ 29,256 22.....	{	\$ 41,165 87
		Meter	12,909 65.....		
South District.....	{	Schedule.....	40,727 47.....	{	51,833 87
		Meter	11,105 90.....		
North District.....	{	Schedule.....	48,987 35.....	{	54,975 58
		Meter	5,988 23.....		
					<hr/>
					\$ 148,974 82

COLLECTIONS.

West District.....	{	Schedule.....	\$ 17,950 67.....	{	\$ 27,153 27
		Meter	9,102 60.....		
South District.....	{	Schedule.....	21,985 90.....	{	35,461 33
		Meter	13,475 43.....		
North District.....	{	Schedule.....	27,986 14.....	{	47,706 71
		Meter	20,420 57.....		
By balance uncollected April 19, 1901.....					38,753 51
					<hr/>
					\$ 148,974 82

REVENUE.

Permits, miscellaneous collections.....	\$ 4,772 96
---	-------------

Seventh Issue Street Improvement Bonds.

Dr.

To contracts paid.....	\$ 88,166 99	
To inspection paid.....	2,405 48	
To balance on hand April 19, 1901	11,902 90	
		\$ 101,775 37

Cr.

By balance April 19, 1901.....	\$ 101,775 37	
		\$ 101,775 37

EIGHTH ISSUE STREET IMPROVEMENT BONDS.

NAME OF IMPROVEMENT	Contract Price	Paid on Contract	Paid for Inspection	Total
Sheldon St. Imp. E. Fulton to First Ave	\$ 36,975 00	\$ 36,075 50	\$ 378 99	\$ 37,054 49
Fifth Ave. Imp. Kalamazoo to Neland ..	1,617 00	942 00	73 82	1,015 82
Canal St Imp. Newberry to Coldbrook....	9,880 00	5,672 00	152 75	5,824 75
Center St. Imp. Sweet to Dean.....	4,990 00	4,790 00	169 75	4,969 75
Laurel St. Imp. Grandville to Oakland...	1,595 00	1,351 00	51 10	1,402 10
S. Diamond St. Imp. Cherry to Wealthy	5,700 00	3,859 00	119 14	3,971 14
Woodmere Ct. Imp. Wealthy to Robinson	2,648 00	1,604 00	61 44	1,755 44
Buchanan St. Imp. Hall to Burton.....	14,400 00	4,936 00	133 43	5,069 43
Auburn Ave. Imp. Lake to Hope.....	2,198 00	430 00	19 56	439 56
Bradford St. Imp. Clancy to N. Lafayette	1,274 00	490 00	8 75	498 75
S. Front St. Imp. W Bridge to Allen.....	6,889 00	.....	.....	.....
Salem Ave Imp Hall to Home.....	2,240 00	.....	.....	.....
Total.....	\$ 90,406 00	\$ 60,822 50	\$ 1,168 73	\$ 61,991 23

RECAPITULATION

Payments on contracts.....	\$ 60,822 50	
Amount due on contracts	29,583 50	
Amount paid inspectors.....	1,168 73	
Cash available April 19, 1901.....	10,618 15	
		\$ 102,192 88
Received from sale of bonds 1900.....	\$ 102,192 88	
		\$ 102,192 88

REPORT OF COMPTROLLER,

Auburn Avenue Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds.....	\$	945 86
to disbursements.....		439 56
		<hr/>
	\$	1,385 49

Cr.

1901.		
April 19, by transfers from street improvement bonds.....	\$	436 19
by collections.....		945 86
by balance.....		3 37
		<hr/>
	\$	1,385 42

Auburn and Hope Avenue Sewer.

Dr.

1901.		
April 19, to transfer to general fund.....	\$	96 21
to disbursements.....		710 58
		<hr/>
	\$	806 79

Cr.

1901.		
April 19, by collections.....	\$	806 79
		<hr/>
	\$	806 79

Baxter Street Improvement, East to Fuller.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$	1,231 38
		<hr/>
	\$	1,231 38

Cr.

1901.		
April 19, by collections	\$	1,173 95
by transfer from general fund		57 43
		<hr/>
	\$	1,231 38

Baxter Street Improvement, Henry to East.

Dr.

1901.		
April 19, to transfers to street improvement bonds.....	\$	296 80
		<hr/>
	\$	296 80

Cr.

1901.		
April 19, by collections	\$	284 25
by transfer from general fund		14 55
		<hr/>
	\$	296 80

Barth Street Improvement.

Dr.

1901.			
April 19, to transfer to street improvement bonds.....	\$	331 10	
			\$ 331 10

Cr.

1901.			
April 19, by collections.....	\$	331 10	
			\$ 331 10

Bates Street Improvement, East to Fuller.

Dr.

1901.			
April 19, to transfers to street improvement bonds.....	\$	1,900 25	
			\$ 1,900 25

Cr.

1901.			
April 19, by collections.....	\$	1,808 85	
by transfer from general fund		91 40	
			\$ 1,900 25

Bradford Street Improvement.

Dr.

1901.			
April 19, to transfers to street improvement bonds.....	\$	250 23	
to disbursements.....		406 75	
			\$ 757 97

Cr.

1901.			
April 19, by transfer from street improvement bonds	\$	406 75	
by collections.....		250 23	
			\$ 757 97

East Bridge Street Improvement, Canal to Ottawa Street.

Dr.

1901.			
April 19, to transfer to street improvement bonds	\$	1,042 39	
			\$ 1,042 39

Cr.

1901.			
April 19, by collections	\$	1,042 39	
			\$ 1,042 39

East Bridge Street Improvement, Barclay to Lafayette.

Dr.

1901.			
April 19, to transfers to street improvement bonds	\$	897 05	
			\$ 897 05

REPORT OF COMPTROLLER,

Cr.

1901.
 April 19, by collections\$ 897 05

\$ 897 05

Brown Avenue Improvement.

Dr.

1901.
 April 19, to transfer to street improvement bonds\$ 2,314 86
 to disbursements..... 4,266 81

\$ 6,581 67

Cr.

1901.
 April 19, by transfer from street improvement bonds\$ 4,266 81
 by collections 2,314 86

\$ 6,581 67

Buchanan Street Improvement.

Dr.

1901.
 April 19, to disbursements\$ 5,009 43

\$ 5,009 43

Cr.

1901.
 April 19, by transfer from street improvement bonds\$ 5,009 43

\$ 5,009 43

Canal Street Improvement, Coldbrook to Newberry.

Dr.

1901.
 April 19, to transfers to street improvement bonds....\$ 4,715 50
 to disbursements 5,824 75

\$ 10,540 55

Cr.

1901.
 April 19, by transfers from street improvement bonds.....\$ 5,824 75
 by collections..... 4,715 80

\$ 10,540 55

Canal Street Improvement, Pearl to Bridge.

Dr.

1901.
 April 19, to disbursements. 18,746 35
 to balance 100 41

\$ 18,846 66

Cr.

1901.
 April 19, by collections.\$ 18,846 66

\$ 18,846 66

Canal Street Improvement, Bridge to Newberry.**Dr.**

1901.		
April 19, to transfers to street improvement bonds.....	\$ 8,974 12	
to disbursements.....	22,967 68	
		\$ 31,941 80

Cr.

1901.		
April 19, by transfer from street improvement bonds	\$ 22,967 68	
by collections.....	8,974 12	
		\$ 31,941 80

Campan Street Sewer.**Dr.**

1901.		
April 19, to transfer to general fund.....	\$ 218 57	
to disbursements.....	182 21	
		\$ 400 78

Cr.

1900.		
April 19, by balance.....	\$ 314 21	
1901.		
April 19, by collections	56 57	
		\$ 400 73

Campan Street Improvement.**Dr.**

1901.		
April 19, to disbursements	\$ 6,880 50	
to transfer to general fund.....	607 88	
		\$ 6,888 41

Cr.

1900.		
April 19, by balance	\$ 4,570 98	
1901.		
April 19, by transfers from general fund	1,019 00	
by collections	1,298 43	
		\$ 6,888 41

Canfield Avenue Improvement.**Dr.**

1901.		
April 19, to transfer to street improvement bonds.....	\$ 1,247 43	
		\$ 1,247 43

Cr.

1901.		
April 19, by collections	\$ 1,234 46	
by transfers from general fund	12 97	
		\$ 1,247 43

REPORT OF COMPTROLLER,

Center Street Improvement.

Dr.

1901.		
April 19, to transfer to street improvement bonds.....	\$ 2,336 95	
to disbursements	4,959 75	
		\$ 7,296 70

Cr.

1901.		
April 19, by collections	\$ 2,333 87	
by transfer from general fund.....	4 08	
by transfer from street improvement bonds	4,959 75	
		\$ 7,296 70

Cedar Street Sewer.

Dr.

1901.		
April 19, to disbursements.....	\$ 1,968 43	
		\$ 1,968 43

Cr.

1901.		
April 19, by collections	\$ 1,183 61	
by balance.....	782 82	
		\$ 1,966 43

Cherry Street Improvement, East to Kellogg.

Dr.

1901.		
April 19, to transfer to street improvement bonds.....	\$ 282 10	
		\$ 282 10

Cr.

1901.		
April 19, by collections	\$ 261 46	
by transfer from general fund	20 64	
		\$ 282 10

Coit Avenue Improvement, Bridge to Fairbanks.

Dr.

1901.		
April 19, to transfer to street improvement bonds.....	\$ 1,064 40	
		\$ 1,064 40

Cr.

1901.		
April 19, by collections ..	\$ 1,021 20	
by transfer from general fund ..	63 20	
		\$ 1,084 40

South College Avenue Improvement, Cherry to Fulton.

Dr.

1901.		
April 19, to disbursements	\$	971 70
to transfer to general fund.....		249 84
		<hr/>
	\$	1,221 54

Cr.

1900.		
April 19, by balance	\$	1,221 54
		<hr/>
	\$	1,221 54

Colfax and Colt Avenue Sewer.

Dr.

1900.		
April 19, to balance	\$	95 29
1901.		
April 19, to transfer to general fund.....	\$	96 02
		<hr/>
	\$	191 31

Cr.

1901.		
April 19, by transfer from general fund.	\$	106 68
by collections		82 68
		<hr/>
	\$	191 31

Crawford Street Improvement.

Dr.

1901.		
April 19, to transfer to street improvement bonds.....	\$	549 25
to disbursements.....		180 50
		<hr/>
	\$	729 75

Cr.

1901.		
April 19, by collections.....	\$	524 88
by transfer from general fund		24 37
by transfer from street improvement bonds		180 50
		<hr/>
	\$	729 75

Crescent Court Improvement.

Dr.

1901.		
April 19, to disbursements.....	\$	536 09
to transfer to general fund.....		23 98
		<hr/>
	\$	560 07

Cr.

1901.		
April 19, by collections	\$	560 07
		<hr/>
	\$	560 07

Crescent Avenue and Bostwick Street Improvement.**Dr.**

1901.		
April 19, to transfers to street improvement bonds	\$	940 42
to disbursements		278 00
		<u>\$ 1,218 42</u>

Cr.

1901.		
April 19, by collections	\$	938 06
by transfer from general fund		2 36
by transfer from street improvement bonds		278 00
		<u>\$ 1,218 42</u>

Crescent Avenue Improvement, Bostwick to Union.**Dr.**

1901.		
April 19, to transfer to street improvement bonds	\$	4,388 08
		<u>\$ 4,388 08</u>

Cr.

1901.		
April 19, by collections	\$	4,086 80
by transfer from general fund		292 98
		<u>\$ 4,388 08</u>

North Diamond Street Improvement, Fountain to Flat.**Dr.**

1901.		
April 19, to transfer to street improvement bonds	\$	2,697 54
to disbursements		9,570 39
		<u>\$ 12,267 93</u>

Cr.

1901.		
April 19, by transfer from general fund	\$	144 07
by collections		2,533 47
by transfer from street improvement bonds		9,570 39
		<u>\$ 12,267 93</u>

South Diamond Street Sewer, Cherry to Wealthy Avenue.**1901.**

April 19, to disbursements	\$	406 15
to transfer to general fund		98 43
		<u>\$ 504 98</u>

Cr.

1901.		
April 19, by collections	\$	504 98
		<u>\$ 504 98</u>

South Diamond Street Improvement, Cherry to Wealthy.

Dr.

1901.			
April 19, to transfer to street improvement bonds	\$	1,061 68	
to disbursements		4,905 64	
		<u> </u>	\$ 5,967 32

Cr.

1901.			
April 19, by transfer from street improvement bonds	\$	4,194 30	
by collections		1,661 08	
by balance		11 25	
		<u> </u>	\$ 5,867 32

Diamond and Fisher Street Sewer.

Dr.

1901.			
April 19, to disbursements	\$	30 00	
		<u> </u>	\$ 30 00

Cr.

1901.			
April 19, by transfer from general fund	\$	30 00	
		<u> </u>	\$ 30 00

Dickenson Avenue Improvement.

Dr.

1901.			
April 19, to transfer to street improvement bonds	\$	644 19	
to disbursements		1,029 65	
		<u> </u>	\$ 1,673 77

Cr.

1901.			
April 19, by collections	\$	614 81	
by transfer from general fund		29 31	
by transfer from street improvement bonds		1,029 65	
		<u> </u>	\$ 1,673 77

South Diamond Street Improvement, Wealthy to Baxter.

Dr.

1901.			
April 19, to transfers to street improvement bonds	\$	522 97	
		<u> </u>	\$ 522 97

Cr.

1901.			
April 19, by collections	\$	522 97	
		<u> </u>	\$ 522 97

South Division Street Improvement, Barton to Railroad.

Dr.

1901.		
April 19, to transfer to street improvement bonds.....	\$ 2,008 46	
		\$ 2,008 46

Cr.

1901.		
April 19, by collections.	\$ 2,038 08	
by transfer from general fund	60 48	
		\$ 2,008 46

Dennis Street Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds.....	\$ 509 57	
		\$ 509 57

Cr.

1901.		
April 19, by collections	\$ 509 57	
		\$ 509 57

Donald Street Sewer.

Dr.

1901.		
April 19, to disbursements	\$ 472 51	
to transfer to general fund.	71 36	
		\$ 543 86

Cr.

1901.		
April 19, by collections	\$ 543 86	
		\$ 543 86

Eighth Avenue Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds.....	\$ 14 00	
		\$ 14 00

Cr.

1901.		
April 19, by collections.....	\$ 14 00	
		\$ 14 00

Elm Avenue Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$ 1,197 91	
to disbursements.....	143 00	
		\$ 1,340 91

Cr.

1901.			
April 19, by transfer from street improvement bonds ..	\$	148 00	
by collections		1,197 91	
		<hr/>	
	\$		1,340 91

Euclid Avenue Improvement.

Dr.

1901.			
April 19, to transfers to street improvement bonds	\$	530 90	
		<hr/>	
	\$		530 90

Cr.

1901.			
April 19, by collections	\$	530 90	
		<hr/>	
	\$		530 90

Fair Street Improvement.

Dr.

1901.			
April 19, to transfers to street improvement bonds	\$	969 12	
to disbursements		191 13	
		<hr/>	
	\$		1,150 25

Cr.

1901.			
April 19, by collections	\$	941 70	
by transfer from general fund.....		17 42	
by transfer from street improvement bonds		191 13	
		<hr/>	
	\$		1,150 25

Fifth Avenue Sewer.

Dr.

1901.			
April 19, to disbursements	\$	737 87	
to transfer to general fund.....		73 63	
		<hr/>	
	\$		810 50

Cr.

1901.			
April 19, by collections	\$	810 50	
		<hr/>	
	\$		810 50

FitzHugh Street Improvement.

Dr.

1901.			
April 19, to transfers to street improvement bonds.....	\$	817 52	
to disbursements.....		489 86	
		<hr/>	
	\$		1,307 38

REPORT OF COMPTROLLER,

Cr.

1901.		
April 19, by collections ..	\$ 787 60	
by transfer from general fund	20 92	
by transfer from street improvement bonds	490 86	
		\$ 1,307 38

Fifth Avenue Improvement.

Dr.

1901.		
April 19, to transfer to street improvement bonds	\$ 601 81	
to disbursements.....	1,015 82	
		\$ 1,517 63

Cr.

1901.		
April 19, by collections.....	\$ 501 81	
by transfers from street improvement bonds	1,015 82	
		\$ 1,517 63

North Front Street Sewer.

Dr.

1901.		
April 19, to disbursements.....	\$ 1,708 63	
to transfer to general fund.....	64 06	
		\$ 1,767 68

Cr.

1901.		
April 19, by collections.....	\$ 1,767 68	
		\$ 1,767 68

South Fuller Street Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds.....	\$ 1,192 11	
		\$ 1,192 11

Cr.

1901.		
April 19, by collections	\$ 1,192 11	
		\$ 1,192 11

East Fulton Street Improvement.

Dr.

1901.		
April 19, to transfer to street improvement bonds.....	\$ 2,579 91	
to disbursements.....	119 60	
		\$ 2,698 91

Cr.

1901.		
April 19, by collections	\$	2,536 88
by transfer from general fund		43 68
by transfer from street improvement bonds		119 00
		<hr/>
	\$	2,698 91

Garden Street Improvement.

Dr

1901.		
April 19, to transfers to street improvement bonds	\$	348 07
to disbursements		1,579 96
		<hr/>
	\$	1,928 03

Cr

1901.		
April 19, by collections	\$	276 60
by transfer from general fund		71 47
by transfer from street improvement bonds		1,579 96
		<hr/>
	\$	1,928 03

Godfrey Avenue Sewer.

Dr

1901.		
April 19, to disbursements	\$	13,508 18
to balance		1 035 00
		<hr/>
	\$	14,573 18

Cr

1901.		
April 19, by collections	\$	14,566 93
by transfer from general fund		6 25
		<hr/>
	\$	14,573 18

Godfrey Avenue Improvement.

Dr

1901.		
April 19, to transfers to street improvement bonds	\$	115 50
to disbursements		2,827 91
		<hr/>
	\$	2,943 41

Cr

1901.		
April 19, by collections	\$	62 00
by transfer from general fund		53 50
by transfer from street improvement bonds		2,827 91
		<hr/>
	\$	2,943 41

Grand Avenue Improvement, Lyon to Fountain Street.

Dr

1901.		
April 19, to transfers to street improvement bonds	\$	1 396 57
		<hr/>
	\$	1,396 57

REPORT OF COMPTROLLER,

Cr.

1901.		
April 19, by collections	\$ 1,238 37	
by transfer from general fund	158 20	
	<u> </u>	\$ 1,396 57

Grandville Avenue Improvement, Hall to Clyde Park Avenue.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$ 2,408 37	
to disbursements	1,530 36	
	<u> </u>	\$ 3,938 73

Cr.

1901.		
April 19, by collections	\$ 2,408 37	
by transfers from street improvement bonds	1,530 36	
	<u> </u>	\$ 3,938 73

East Grove Street Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$ 981 40	
	<u> </u>	\$ 981 40

Cr.

1901.		
April 19, by collections	\$ 981 40	
	<u> </u>	\$ 981 40

Halfley Place Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds ..	\$ 414 37	
	<u> </u>	\$ 414 37

Cr.

1901.		
April 19, by collections	\$ 396 19	
by transfer from general fund	18 18	
	<u> </u>	\$ 414 37

Helen Avenue Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$ 246 41	
	<u> </u>	\$ 246 41

Cr.

1901.		
April 19, by collections	\$ 246 41	
	<u> </u>	\$ 246 41

Hermitage street Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds.....	\$ 829 99	
		\$ 829 99
Cr.		
1901.		
April 19, by collections.....	\$ 829 99	
		\$ 829 99

Hilton street and First Avenue Sewer.

Dr.

1901.		
April 19, to disbursements.....	\$ 7,488 69	
		\$ 7,488 69
Cr.		
1901.		
April 19, by balance.....	\$ 7,488 69	
		\$ 7,488 69

Highland Avenue Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds... ..	\$ 474 07	
		\$ 474 07
Cr.		
1901.		
April 19, by collections.....	\$ 449 68	
by transfer from general fund	24 39	
		\$ 474 07

Home Avenue Improvement, Division to Jefferson Avenue.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$ 655 18	
to disbursements.....	203 48	
		\$ 858 61
Cr.		
1901.		
April 19, by collections.....	\$ 655 18	
by transfers to street improvement bonds.....	203 48	
		\$ 858 61

Home Avenue Improvement, Division to Ionia.

Dr.

1901.		
April 19, to transfer to street improvement bonds.....	\$ 442 88	
		\$ 442 88

REPORT OF COMPTROLLER,

Cr.

1901.
 April 19, by collections\$ 442 38
 \$ 442 38

South Iowa street Alley Improvement.

Dr.

1901.
 April 19, to disbursements \$ 18 00
 \$ 18 00

Cr.

1901.
 April 19, by balance..... \$ 18 00
 \$ 18 00

North Iowa street Improvement.

Dr.

1901.
 April 19, to transfers to street improvement bonds.....\$ 446 27
 \$ 446 27

Cr.

1901.
 April 19, by collections.....\$ 392 42
 by transfer from general fund..... 53 85
 \$ 446 27

Ives Avenue Improvement, Park to Butterworth.

Dr.

1901.
 April 19, to transfers to street improvement bonds \$ 438 89
 \$ 438 89

Cr.

1901.
 April 19, by collections \$ 438 89
 \$ 438 89

Jackson street Improvement.

Dr.

1901.
 April 19, to transfers to street improvement bonds \$ 329 40
 \$ 329 40

Cr.

1901.
 April 19, by collections\$ 329 40
 \$ 329 40

Jefferson Avenue Improvement, Hall to Burton.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$ 3,089 63	
	<hr/>	\$ 3,089 63

Cr.

1901.		
April 19, by collections	\$ 2,955 30	
by transfer from general fund	134 24	
	<hr/>	\$ 3,089 63

Jefferson Avenue Improvement, Cherry to Wealthy.

Dr.

1901.		
April 19, to transfers to street improvement bonds.....	\$ 847 14	
	<hr/>	\$ 847 14

Cr.

1901.		
April 19, by collections	\$ 847 14	
	<hr/>	\$ 847 14

Jefferson Avenue Improvement, Wealthy to Fifth.

Dr.

1901.		
April 19, to transfers to street improvement bonds ..	\$ 4,146 00	
to disbursements	220 00	
	<hr/>	\$ 4,366 00

Cr.

1901.		
April 19, by collections	\$ 4,146 00	
to transfers from street improvement bonds	220 00	
	<hr/>	\$ 4,366 00

Kalamazoo Avenue Improvement, Fifth to Boston.

Dr.

1901.		
April 19, to transfer to Kalamazoo avenue, B. to B.	\$ 114 70	
to transfer to street improvement bonds.....	4,047 01	
	<hr/>	\$ 4,161 71

Cr.

1901.		
April 19, by collections	\$ 2,743 35	
by transfer from general fund.	1,417 42	
by transfer from Kalamazoo, B. to B.	94	
	<hr/>	\$ 4 161 71

Kalamazoo Avenue Improvement, Boston to Burton.

Dr.

1901.

April 19, to transfer to Kalamazoo, F. to B.....	\$	94	
to transfer to street improvement bonds.....		912 19	
			\$ 913 13

Cr.

1901.

April 19, by collections	\$	238 34	
by transfer from general fund		500 09	
by transfer from Kalamazoo, F. to B... ..		114 70	
			\$ 913 13

Lake Avenue Improvement.

Dr.

1901.

April 19, to transfers to street improvement bonds	\$	3,307 71	
			\$ 3,307 71

Cr.

1901.

April 19, by collections	\$	2,975 86	
by transfer from general fund		331 83	
			\$ 3,307 71

Laurel Street Improvement.

Dr.

1901.

April 19, to transfers to street improvement bonds	\$	505 32	
to disbursements		1,402 10	
			\$ 1,907 42

Cr.

1901.

April 19, by collections	\$	505 39	
by transfers from street improvement bonds		1,402 10	
			\$ 1,907 42

La Belle Avenue Improvement.

Dr.

1901.

April 19, to transfers to street improvement bonds	\$	767 80	
to disbursements.		339 63	
			\$ 1,107 43

Cr.

1901.

April 19, by collections.....	\$	727 09	
by transfer from general fund.....		40 71	
by transfer from street improvement bonds.....		339 63	
			\$ 1,107 43

Livingston street Improvement, Bridge to Newberry.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$ 1,300 97	
		\$ 1,300 97

Cr.

1901.		
April 19, by collections	\$ 1,300 47	
by transfer from general fund.....	60 50	
		\$ 1,300 97

Logan and Charles street Sewer.

Dr.

1900.		
April 19, to balance.....	\$ 17 33	
1901.		
April 19, transfer to general fund	62 36	
to disbursements.....	1,014 59	
		\$ 1,094 28

Cr.

1901.		
April 19, by collections.....	\$ 1,094 28	
		\$ 1,094 28

Luton Court Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds.....	\$ 229 42	
		\$ 229 42

Cr.

1901.		
April 19, by collections.....	\$ 229 42	
		\$ 229 42

Lyon street and Antislade Court Sewer.

Dr.

1901.		
April 19, to disbursements	\$ 103 17	
to transfer to general fund	43 59	
		\$ 146 76

Cr.

1901.		
April 19, by collections	\$ 146 76	
		\$ 146 76

REPORT OF COMPTROLLER,

Lyon street improvement, Union to Houseman.

Dr.

1901.
 April 19, to transfers to street improvement bonds.....\$ 1,902 52
\$ 1,902 52

Cr.

1901.
 April 19, by collections\$ 1,651 77
 by transfer from general fund 250 75
\$ 1,902 52

Madison street Improvement, Union to North.

Dr.

1901.
 April 19, to transfers to street improvement bonds..\$ 647 64
 to balance..... 20 85
\$ 668 49

Cr.

1901.
 April 19, by collections\$ 657 17
 by transfer from general fund 1 32
\$ 658 49

Madison Avenue Improvement.

Dr.

1901.
 April 19, to transfers to street improvement bonds\$ 4,808 38
\$ 4,808 38

Cr.

1901.
 April 19, by collections\$ 4,702 36
 by transfer from general fund.....\$ 41 02
\$ 4,808 38

Marion street Improvement, Bridge to Railroad.

Dr.

1901.
 April 19, to disbursements\$ 608 24
\$ 608 24

Cr.

1900.
 April 19, by balance.....\$ 167 31
 1901.
 April 19, by transfer from general fund..... 202 93
 by collections 101 24
 by balance..... 130 71
\$ 608 24

Mechanic street Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$ 530 33	
		\$ 530 33

Cr.

1901.		
April 19, by collections	\$ 509 48	
by balance	20 86	
		\$ 530 33

Mills street Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds.....	\$ 1,620 49	
to disbursements	1,812 38	
		\$ 3,432 87

Cr.

1901.		
April 19, by collections	\$ 1,536 75	
by transfers from street improvement bonds	1,812 38	
by transfer from general fund	88 74	
		\$ 3,432 87

New England Place Improvement.

Dr.

1901.		
April 19, to disbursements	\$ 779 01	
to transfer to general fund.....	110 99	
		\$ 890 00

Cr.

1901.		
April 19, by collections	\$ 890 00	
		\$ 890 00

Newberry street Improvement.

Dr.

1901.		
April 19, to disbursements	\$ 1,048 83	
to transfer to general fund	41 17	
		\$ 1,090 00

Cr.

1901.		
April 19, by collections	\$ 1,090 00	
		\$ 1,090 00

Oakes street Improvement, Ellsworth to Market.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$ 138 24	
		\$ 138 24

Cr.

1901.		
April 19, by collections.....	\$ 138 94	
		\$ 138 94

Oakes street Improvement, Sheldon to Jefferson.

Dr.

1901.		
April 19, to transfers to street improvement bonds.	\$ 151 80	
		\$ 151 80

Cr.

1901.		
April 19, by collections	\$ 151 80	
		\$ 151 80

Ottawa street Improvement, Bridge to Fairbanks.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$ 3,463 42	
to transfers to Ottawa street improvement, L. to B....	68 10	
to disbursements	95 60	
		\$ 3,627 12

Cr.

1901.		
April 19, by collections	\$ 3,504 22	
by transfer from general fund	27 30	
by transfer from street improvement bonds.....	95 60	
		\$ 3,627 12

Ottawa street Improvement, Fairbanks to Coldbrook.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$ 4,134 13	
		\$ 4,134 13

Cr.

1901.		
April 19, by collections	\$ 4,047 31	
by transfer from general fund.....	86 82	
		\$ 4,134 13

Ottawa street Improvement, Bridge to Lyon.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$ 1,428 30	
		\$ 1,428 30

Cr.

1901.		
April 19, by collections.....	\$ 1,300 29	
by transfer from Ottawa street improvement, B. to F..	68 10	
	<u> </u>	\$ 1,428 39

Paris Avenue Sewer.

Dr.

1901.		
April 19, to disbursements	\$ 331 94	
	<u> </u>	\$ 331 94

Cr.

1901.		
April 19, by collections	\$ 947 02	
by balance.....	84 32	
	<u> </u>	\$ 331 94

Paris Avenue Improvement, Cherry to Wealthy.

Dr.

1901.		
April 19, to transfers to street improvement bonds.....	\$ 1,863 64	
	<u> </u>	\$ 1,863 64

Cr.

1901.		
April 19, by collections	\$ 1,863 64	
	<u> </u>	\$ 1,863 64

Palmer Avenue Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds.....	\$ 2,275 48	
to disbursements	2,636 97	
	<u> </u>	\$ 4,912 45

Cr.

1901.		
April 19, by collections	\$ 2,275 48	
by transfers from street improvement bonds	2,636 97	
	<u> </u>	\$ 4,912 45

Pine street Sewer.

Dr.

1901.		
April 19, to disbursements.	\$ 15 00	
	<u> </u>	\$ 15 00

Cr.

1901.		
April 19, by transfer from general fund.....	\$ 15 00	
	<u> </u>	\$ 15 00

REPORT OF COMPTROLLER,

Plainfield Avenue Improvement, Coldbrook to Railroad.

Dr.

1901.
 April 19, to transfers to street improvement bonds \$ 875 89
 \$ 875 89

Cr.

1901.
 April 19, by collections \$ 797 84
 by transfer from general fund 78 05
 \$ 875 89

Plainfield Avenue Improvement, Railroad to Quimby street.

Dr.

1901.
 April 19, to transfers to street improvement bonds \$ 2,940 26
 \$ 2,940 26

Cr.

1901.
 April 19, by collections \$ 2,886 11
 by transfer from general fund. 54 15
 \$ 2,940 26

Plainfield Avenue Improvement, Quimby to Knapp.

Dr.

1901.
 April 19, to transfers to street improvement bonds \$ 3,353 05
 \$ 3,353 05

Cr.

1901.
 April 19, by collections . . . \$ 1,899 39
 by transfer from general fund. . . 1,453 66
 \$ 3,353 05

Prince street Improvement.

Dr.

1901.
 April 19, to transfers to street improvement bonds \$ 350 53
 \$ 350 53

Cr.

1901.
 April 19, by collections .. \$ 324 05
 by transfer from general fund 26 48
 \$ 350 53

South Prospect street Improvement.

Dr.

1901.
 April 19, to transfers to street improvement bonds \$ 196 52
 \$ 196 52

Cr.

1901.
 April 19, by collections.....\$ 196 52
 \$ 196 52

North Prospect street Improvement, Fountain to Fulton.

Dr.

1901.
 April 19, to transfers to street improvement bonds.....\$ 1,570 27
 \$ 1,570 27

Cr.

1901.
 April 19, by collections.....\$ 1,570 27
 \$ 1,570 27

Robinson Avenue Improvement.

Dr.

1901.
 April 19, to transfers to street improvement bonds.....\$ 1,206 84
 \$ 1,206 84

Cr.

1901.
 April 19, by collections\$ 1,089 61
 by transfer from general fund 117 23
 \$ 1,206 84

Robey street Improvement.

Dr.

1901.
 April 19, to transfers to street improvement bonds.....\$ 490 16
 to disbursements..... 908 53
 \$ 698 69

Cr.

1901.
 April 19, by collections\$ 490 16
 by transfers from street improvement bonds 208 53
 \$ 698 69

Rose street Improvement.

Dr.

1901.
 April 19, to transfers to street improvement bonds\$ 1,065 88
 to disbursements..... 825 17
 \$ 1,891 05

REPORT OF COMPTROLLER,

Cr.

1901.			
April 19, by collections.....	\$	1,048 47	
by transfer from general fund		17 41	
by transfer from street improvement bonds.....		825 17	
		<u> </u>	\$ 1,891 05

Rumsey street Sewer.

Dr.

1901.			
April 19, to disbursements ...	\$	773 00	
to balance.....		89 47	
		<u> </u>	\$ 861 47

Cr.

1901.			
April 19, by collections	\$	861 47	
		<u> </u>	\$ 861 47

Salem Avenue Sewer.

Dr.

1901.			
April 19, to disbursements.....	\$	578 15	
to transfer to general fund		83 16	
		<u> </u>	\$ 661 31

Cr.

1901.			
April 19, by collections.....	\$	423 16	
by transfer from general fund.....		238 15	
		<u> </u>	\$ 661 31

Sheldon street Improvement.

Dr.

1901.			
April 19, to transfer to street improvement bonds.....	\$	19,278 35	
to disbursements.....		37,054 49	
		<u> </u>	\$ 56,332 84

Cr.

1901.			
April 19, by collections	\$	19,278 35	
by transfers to street improvement bonds ..		37,054 49	
		<u> </u>	\$ 56,332 84

Sibley street Improvement.

Dr.

1901.			
April 19, to transfers to street improvement bonds	\$	388 00	
to disbursements.		988 07	
		<u> </u>	\$ 1,376 07

Cr.

1901.		
April 19, by collections	\$	168 25
by transfer from general fund		220 85
by transfer from street improvement bonds		988 07
		<hr/>
	\$	1,376 67

Spencer Avenue Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$	1,085 69
		<hr/>
	\$	1,085 69

Cr.

1901.		
April 19, by collections	\$	1,087 25
by transfer from general fund		48 44
		<hr/>
	\$	1,085 69

Stewart Avenue Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$	1,229 40
to disbursements		150 96
		<hr/>
	\$	1,380 36

Cr.

1901.		
April 19, by collections	\$	1,186 35
by transfer from general fund		43 05
by transfer from street improvement bonds		150 96
		<hr/>
	\$	1,380 36

Steele Avenue Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$	1,115 99
to disbursements		2,265 37
		<hr/>
	\$	3,381 36

Cr.

1901.		
April 19, by collections	\$	1,115 99
by transfers to street improvement bonds		2,265 37
		<hr/>
	\$	3,381 36

Sweet street Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$	713 34
to disbursements		2,085 26
		<hr/>
	\$	2,798 60

REPORT OF COMPTROLLER,

Cr.

1901.		
April 19, by collections.....	\$	881 08
by transfer from general fund.....		31 06
by transfer from street improvement bonds.....		2,085 86
		<hr/>
	\$	2,798 00

Tamarack street Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$	865 44
to disbursements.....		763 97
		<hr/>
	\$	1,629 41

Cr.

1901.		
April 19, by collections	\$	865 44
by transfers from street improvement bonds.....		763 97
		<hr/>
	\$	1,629 41

Taylor and other streets Sewer.

Dr.

1901.		
April 19, to disbursements.....	\$	59 79
to transfer to general fund		277 84
		<hr/>
	\$	337 63

Cr.

1901.		
April 19, by collections	\$	45 27
by transfer from general fund		292 36
		<hr/>
	\$	337 63

Tenth street Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$	951 42
to disbursements		1,996 13
		<hr/>
	\$	2,947 55

Cr.

1901.		
April 19, by collections	\$	951 42
by transfers from street improvement bonds		1,996 13
		<hr/>
	\$	2,947 55

Terrace Avenue Sewer.

Dr.

1901.		
April 19, to disbursements	\$	121 00
to transfer to general fund.....		56 08
		<hr/>
	\$	177 08

Cr.

1900.		
April 19, by balance	\$	126 04
1901.		
April 19, by collections ..		50 00
		<hr/>
	\$	177 08

Third Avenue Improvement.

Dr.

1900.		
April 19, to balance	\$	74 02
1901.		
April 19, to transfer to general fund.....		66 50
to disbursements		125 43
		<hr/>
	\$	266 85

Cr.

1901.		
April 19, by collections.....	\$	24 20
by transfer from general fund		244 65
		<hr/>
	\$	268 85

Thomas street Improvement.

Dr.

1901.		
April 19, to transfer to street improvement bonds.....	\$	1,212 26
		<hr/>
	\$	1,212 26

Cr.

1901.		
April 19, by collections	\$	1,212 26
		<hr/>
	\$	1,212 26

Thompson Court Improvement.

Dr.

1901.		
April 19, to transfer to street improvement bonds.....	\$	237 77
		<hr/>
	\$	237 77

Cr.

1901.		
April 19, by collections	\$	233 32
by transfer from general fund		4 45
		<hr/>
	\$	237 77

Travis Avenue Improvement.

Dr.

1901.		
April 19, to transfer to street improvement bonds.....	\$	3,119 73
to disbursements		5,641 70
		<hr/>
	\$	8,761 43

Cr.

1901.		
April 19, by collections	\$	2,981 19
by transfer from general fund		188 14
by transfer from street improvement bonds		5,041 70
	\$	8 761 43

Turner street Improvement, Seventh to North.

Dr.

1901.		
April 19, to transfer to street improvement bonds	\$	4,918 89
to disbursements		18,936 36
	\$	23,150 25

Cr.

1901.		
April 19, by collections	\$	4,081 25
by transfer from general fund		182 64
by transfer from street improvement bonds		18,936 36
	\$	23,150 25

Turner street Improvement, Bridge to Seventh.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$	2,099 50
to disbursements		1,436 43
	\$	3,536 93

Cr.

1901.		
April 19, by collections	\$	2,099 50
by transfers from street improvement bonds		1,436 43
	\$	3,536 93

Twelfth Avenue Sewer.

Dr.

1901.		
April 19, to disbursements	\$	550 06
to transfer to general fund		89 14
	\$	639 19

Cr.

1901.		
April 19, by collections	\$	639 19
	\$	639 19

North Union street Improvement.

Dr.

1901.		
April 19, to transfers to street improvement bonds	\$	600 85
	\$	600 85

Cr.

1901.			
April 19, by collections	\$	525 07	
by transfer from general fund		75 78	
		<u> </u>	\$ 600 85

Valley Avenue Improvement.

Dr.

1901.			
April 19, to transfers to street improvement bonds	\$	852 99	
		<u> </u>	\$ 852 99

Cr.

1901.			
April 19, by collections	\$	840 51	
by transfer from general fund		12 48	
		<u> </u>	\$ 852 99

Warren Avenue Improvement.

Dr.

1901.			
April 19, to transfers to street improvement bonds	\$	481 69	
to disbursements		2,350 01	
		<u> </u>	\$ 2,731 70

Cr.

1901.			
April 19, by collections	\$	481 69	
by transfers from street improvement bonds		2,350 01	
		<u> </u>	\$ 2,731 70

South Waterloo street Improvement.

Dr.

1901.			
April 19, to transfer to street improvement bonds	\$	5,887 93	
		<u> </u>	\$ 5,887 93

Cr.

1901.			
April 19, by collections	\$	5,817 30	
by transfer from general fund		70 63	
		<u> </u>	\$ 5,887 93

Watson street Improvement.

Dr.

1901.			
April 19, to transfers to street improvement bonds	\$	821 45	
to disbursements		2,672 35	
		<u> </u>	\$ 3,493 70

Cr.

1901.			
April 19, by collections	\$	808 58	
by transfer from general fund		12 87	
by transfer from street improvement bonds		2,672 35	
		<u> </u>	\$ 3,493 70

REPORT OF COMPTROLLER,

Winsor Place Improvement.

Dr.

1901.
April 19, to transfers to street improvement bonds\$ 479 77

\$ 479 77

Cr.

1901.
April 19, by collections\$ 458 00
by transfer from general fund 26 77

\$ 479 77

Woodmere Court Improvement.

Dr.

1901.
April 19, to transfers to street improvement bonds.\$ 945 08
to disbursements..... 1,755 44

\$ 2,700 47

Cr.

1901.
April 19, by collections.....\$ 945 08
by transfer from street improvement bonds..... 1,755 44

\$ 2,700 47

Woodmere Court Sewer.

Dr.

1901.
April 19, to disbursements\$ 689 65
to transfer to general fund. 54 34

\$ 689 99

Cr.

1901.
April 19, by collections\$ 689 99

\$ 689 99

Woodworth Avenue and South Union street Sewer.

Dr.

1901.
April 19, to disbursements.....\$ 1,353 80

\$ 1,353 80

Cr.

1901.
April 19, by collections.....\$ 198 00
by balance..... 1,155 80

\$ 1,353 80

Worden street Improvement.

Dr.

1901.
April 19, to transfers to street improvement bonds.....\$ 702 91

\$ 702 91

Cr.

1901.
April 19, by collections\$ 702 91

\$ 702 91

M. A. FROST, City Treasurer.

IMPROVEMENT ROLLS FOR COLLECTION				
	Amount Due April 19, 1900	Collections Apr. 19 1900 to Apr. 19, '01	Returns Apr. 19, '00 to Apr. 19, '01	Bal. Uncollected Apr. 19, '01
Roby street improvement, Wealthy avenue to north end of street.....	\$ 1,476 41	\$ 439 48	.....	\$ 1,046 93
E. Grove street improvement, Diamond to Fuller	2,113 47	764 62	66 81	1,348 84
Jefferson avenue improvement, Wealthy avenue to Fifth	10,271 05	3,230 86	287 28	6,752 92
Home avenue improvement, Division to Jefferson	1,502 56	467 59	70 03	974 91
LaBelle avenue improvement, Division to Ionia	1,408 56	645 97	42 86	731 74
Prince street improvement, Madison to Union.....	825 96	234 15	59 25	592 56
Barter street improvement, East to Fuller	2,008 05	914 70	173 50	1,093 85
Crescent avenue improvement, Bostwick to Union	9,193 00	3,406 90	316 97	5,379 13
S. Prospect street improvement, E. Fulton to Washington	317 77	174 25	.....	143 52
Helen avenue improvement, Diamond to Caroline place	283 90	210 70	.....	133 10
Tenth street improvement, Alpine avenue to Pine.....	3,645 82	1,140 63	37 54	2,497 65
Grandville avenue improvement, Hall to Clyde Park avenue	6,979 24	1,936 57	54 08	4,998 05
Rose street improvement, Division to Buchanan	2,554 48	863 34	28 30	1,663 84
Caulfield avenue improvement, Hall to Rumsey's addition	2,466 44	1,041 64	22 26	1,421 44
Oakes street improvement Ellsworth to Market.....	303 90	125 40	28 90	138 60
Jefferson avenue improvement, Cherry to Wealthy	1,234 37	762 53	.....	571 84
Elm avenue improvement, Division to Buchanan	2,711 07	981 23	83 16	1,647 62
Madison Avenue improvement, Cherry to Fifth	6,279 21	4,118 26	70 54	2,090 41
E. Fulton street improvement, Jefferson avenue to Union street	5,442 24	2,212 59	39 78	3,199 87
Oakes street improvement, Sheldon to Jefferson.....	638 44	131 48	.....	506 96

M. A. FROST City Treasurer—Continued

IMPROVEMENT ROLLS FOR COLLECTION		Amount Due April 9, 1900	Collections Apr. 19 1900 to Apr. 19, '01	Returns Apr. 19, '00 to Apr. 19, '01	Bal. Uncollected Apr. 19, 1901
N. Prospect street improvement, E. Fulton to Fountain	\$	3,779 08	\$ 1,347 07		\$ 2,431 41
Palmer avenue improvement, Canal to Plainfield		5,884 72	1,971 33	\$ 211 58	3,701 61
Crawford street improvement, Madison avenue to Valley City Cemetery		1,555 94	392 75	51 56	1,111 63
Madison street improvement.		1,125 28	534 63	46 49	535 16
Turner street improvement, Bridge to Seventh street		6,756 08	1,773 15	89 43	4,883 40
Barth street improvement, Wealthy to Logan		764 22	264 74		499 48
Ottawa street improvement, Bridge to Fairbanks		9,384 02	2,631 74	245 98	6,506 30
Colt avenue improvement, Bridge to Fairbanks		2,112 30	864 93	129 17	1,118 20
Steele avenue improvement, Hall to Stevens		3,000 00	900 00		2,700 00
Campau street improvement.		2,090 65	693 63	1,398 00	
E. Bridge street improvement, Barclay to Lafayette		2,012 36	771 60		1,240 76
Stewart avenue improvement, Division to Buchanan.		2,830 04	935 59	78 86	1,807 59
Crescent avenue improvement and Bostwick street improvement.		2,573 00	733 03	74 73	2,015 25
Dickenson avenue improvement, Jefferson to Madison		1,000 82	495 42	66 49	1,049 01
Robinson avenue improvement E. limits to Richard terrace		3,323 61	938 21	941 74	2,033 66
Lake avenue improvement, Fuller to Wealthy		7,758 97	2,401 62	380 71	4,996 64
Cherry street improvement, Ottawa to Ellsworth avenue		450 00	236 70	15 30	198 00
Kalamazoo avenue improvement, Fifth to Boston		8,942 42	2,118 27	1,245 16	4,978 99
FitzHugh street improvement, Lake to Hermitage		1,291 33	661 61	56 77	1,100 94
Thompson court improvement, Sycamore to Fifth		501 94	180 23		321 66

Mills street improvement, Madison avenue to College.....	\$	3,048 00	\$	1,320 02	\$	78 80	\$	1,080 18
Worden street improvement, Madison to S. Union.....		1,888 33		558 77		47 08		1,228 54
Ottawa street improvement, Fairbanks to Coldbrook		12,425 16		3,041 50		337 42		9,040 15
Livingston street improvement, Bridge to Newberry		3,267 23		1,057 40		44 80		2,186 08
Kalamazoo avenue improvement, Boston to Burton.....		2,176 14		394 04		427 56		1,454 54
E Bridge street improvement, Canal to Ottawa.....		2,502 86		890 30				1,613 47
Baxter street improvement, Henry to East		705 86		201 35		51 24		453 27
Plainfield avenue improvement, Quimby to Knapp.....		7,457 29		1,350 91		1,445 01		4,662 37
Valley avenue improvement, W. Bridge to Fourth		1,448 18		638 23		116 20		668 66
S. Waterloo street improvement E. Fulton to Wealthy.....		11,750 75		4,324 81		280 52		6,695 43
Home avenue improvement, Division to Ionia		1,036 32		332 92		31 00		624 40
N. Ionia street improvement.....		701 52		250 75		43 05		307 71
Plainfield avenue improvement, R. R. to Quimby		6,662 66		2,235 73		276 42		4,140 49
Turner street improvement, Seventh to North.....		17,277 70		3,470 19		340 18		13,467 33
Jefferson avenue improvement, Hall to Burton		8,909 60		2,470 53		141 12		6,297 95
Godfrey avenue improvement, Market to railway		2,570 00		50 00		50 00		2,470 00
Lyon street improvement, Houseman to Union St.....		5,663 35		1,171 84		254 32		4,136 70
Halfey place improvement		1,232 44		294 24		67 92		950 18
Fair street improvement.....		2,306 11		785 50		79 56		1,490 05
Bates street improvement.....		4,713 96		1,553 54		102 96		3,047 16
Dennis street improvement		1,356 72		458 27		57 13		841 32
S. Diamond street improvement		886 43		475 07		20 23		339 53
Euclid avenue improvement		999 12		465 44		2 60		531 08
Fuller street improvement.....		2,361 35		1,050 90				1,310 46

M. A. FROST, City Treasurer—Continued.

IMPROVEMENT ROLLS FOR COLLECTION	Amount Due April 19, 1903	Collections Apr. 19 1903 to Apr. 19, '01	Returns Apr. 19, '00 to Apr. 19, '01	Bal. Uncollected Apr. 19, '01
S. Division street improvement.....	\$ 5,061 48	\$ 1,699 21	\$ 88 91	\$ 3,278 06
Highland avenue improvement	1,137 30	340 76	87 13	739 32
Hermitage street improvement	2,946 46	608 51	88 20	2,379 75
Grand avenue improvement.....	2,890 88	1,099 32	172 34	1,709 22
Ives avenue improvement	1,088 46	362 47	86 23	660 76
Jackson street improvement.....	1,040 00	290 00	.....	780 00
Luton court improvement.....	564 45	162 06	30 10	372 30
Mechanic street improvement.....	1,186 68	389 64	43 48	763 56
Ottawa street improvement, Lyon to Bridge.....	3,287 20	1,188 40	48 00	2,060 80
Plainfield avenue improvement, Coldbrook to R. R.	1,683 90	477 30	213 20	983 40
Paris avenue improvement.....	3,374 91	1,470 83	176 72	1,728 36
Spencer avenue improvement.....	2,960 73	743 61	147 86	2,069 26
N. Union street improvement	1,350 06	456 76	87 17	886 16
Tamarack street improvement.....	1,964 70	743 07	.....	1,321 63
Thomas street improvement.....	2,669 00	1,082 81	16 70	1,619 49
Watson street improvement	5,374 00	183 60	790 90	4,080 50
Winsor place improvement	906 36	285 61	97 17	483 58
Travis avenue improvement	7,000 00	2,715 30	327 01	4,557 69

ROLLS FOR COLLECTION PRESENTED SINCE APRIL 19, 1900

	\$	\$	\$	\$
Sibley street improvement, Big ditch to Valley avenue.....	1,680 00	105 00	287 00	1,393 00
Crescent court improvement, Crescent to Bridge street alley.....	540 00	560 00		
Garden street improvement, Madison to Jefferson avenue.....	1,600 00	375 00	61 40	1,936 00
Sweet street improvement, N. Colt to Plainfield.....	2,200 00	560 40	131 30	1,969 40
Warren avenue improvement, Cherry to Buckeye street.....	2,300 00	435 41	22 50	1,918 00
Logan and Charles street sewer.....	1,000 00	1,039 75	35	
N. Front street sewer, 11th to Leonard street.....	1,700 00	1,685 90	104 50	
Salem avenue sewer, Home avenue to Hall street.....	644 00	421 00	223 00	
Brown avenue improvement, Division to Buchanan.....	4,440 00	2,097 90	71 28	2,377 88
Fifth avenue sewer, Kalamazoo to Neland avenue.....	805 00	805 00		
Donald street sewer, Wealthy avenue to end of street.....	583 00	523 00		
Twelfth avenue sewer, Division to Ionia street ..	634 00	602 00	32 00	
S. Diamond street sewer, Cherry to Buckeye.....	500 00	500 00		
Laurel street improvement, Oakland to Grandville avenue.....	1,700 00	504 40		1,355 60
Godfrey avenue sewer, S. Market to Hall.....	14,560 00	14,497 00	53 00	
Center street improvement, Sweet to Dean.....	5,365 00	2,325 50	3 53	3,035 83
N. Diamond street improvement, Fountain to Flat.....	9,720 00	2,547 95	136 35	7,046 17
Lyon street and Antisdel court sewer.....	115 00	115 00		
Newberry street improvement, Canal to 6th street bridge.....	1,000 00	1,000 00		
Fifth avenue improvement, Kalamazoo to Neland avenue.....	1,520 00	497 34		
Canal street improvement, Newberry to Coldbrook.....	10,270 00	4,653 00	135 00	1,322 75
Woodmere court sewer.....	640 00	614 00	20 00	5,452 00
Canal street improvement, Bridge to Newberry.....	22,710 00	8,902 24	306 00	14,501 75

M. A. FROST, City Treasurer—Continued.

IMPROVEMENT ROLLS FOR COLLECTION	Amount Due April 19, 1900	Collections Apr. 19 1900 to Apr. 19, '01	Returns Apr. 19, '00 to Apr. 19, '01	Bal. Uncollected Apr. 19, '01
Sheldon street improvement, E. Fulton to First avenue.....	\$ 37,470 00	\$ 19,248 18	\$ 214 00	\$ 18,007 82
Auburn and Hope avenue sewer.....	800 00	781 00	19 00	
Bradford street improvement, Clancy to N. Lafayette.....	1,465 00	258 87	63 00	1,143 20
Canal street improvement, Pearl to E. Bridge	18,971 00	18,840 80	130 20	
Woodmere court improvement.....	2,830 00	940 82		1,889 08
S. Diamond street improvement, Cherry to Wealthy	6,020 00	1,659 52		4,360 48
Rumsey street sewer	880 00	785 75		64 25
New England place improvement.....	880 00	880 00		
Paris avenue sewer, Mills to Thomas.....	440 00	947 68		192 38
Cedar street sewer, Clancy to N. College avenue.....	2,236 00	1,183 20		1,052 80
Auburn avenue improvement.....	2,400 00	945 38		1,454 62
Woodworth avenue and S. Union street sewer	1,680 00	198 00		1,482 00
Total.....	\$ 441,863 98	\$ 190,012 55	\$ 14,480 96	\$ 220,400 41

REVENUE.

Fees collected on above rolls April 19, 1900 to April 19, 1901..... \$ 13,463 24

I. F. LAMOREAUX, City Clerk.

ROLLS RETURNED FOR COLLECTION	Due on Rolls Apr. 19, 1900 and returns to Apr. 19, '01	Collections from Apr. 19, 1900, to Apr. 19, 1901	Sales to City	Sales to Others	Land Enjoined from Sales	Balance Due Apr. 19, 1901
Baxter St. imp., East to Fuller 4th inst.	\$ 204 70	\$ 149 27	\$ 55 43			
Crescent Ave. imp., Bostwick to N. Union 3d inst.	359 87	100 59	259 28			
Diamond St. imp., Wealthy Ave. to Baxter 4th inst.	23 73					23 73
Dennis St. imp., E. Fulton to Hermitage 3d inst.	70 26	28 44		47 82		
Euclid Ave. imp., Hall to Home 3d inst.	3 20			3 20		
Highland ave imp., S. Division to Central Ave. 2d ins. .	73 71	50 28	23 39			
Halfey Pl. imp., Division to Jefferson 2d inst.	57 61	70 43	17 18			
Ives Ave. imp., Park to Butterworth Ave. 3d inst.	104 83	25 18				69 65
Jefferson Ave. imp. Wealthy to Fifth ave. 2d inst.	370 60	316 46		54 14		
Livingston St imp., Bridge to Newberry 3d inst.	57 80		57 80			
Livingstone St. imp., Bridge to Newberry 3d inst.	55 10	55 10				
Luton Ct. imp., Lake Ave. to N. Ter. 3d inst.	37 02			37 02		
LaBelle Ave. imp., S. Ionia to S. Division 2d inst.	55 28	15 87	39 71			
Mechanic St. imp., N. Union to N. East 3d inst.	53 48			53 48		
Oaks St. imp., Waterloo to Ellsworth 3d inst.	47 85					47 85
Ottawa St. imp., Bridge to Fairbanks 3d inst.	317 31	291 01	26 30			272 94
Palmer Ave. imp., Canal to Plainfield 2d inst.	272 94					
Paris Ave. imp., Cherry to Wealthy 3d inst.	216 14	35 94		180 30		

REPORT OF COMPTROLLER,

I. F. LAMOREAUX, City Clerk - Continued.

ROLLS RETURNED FOR COLLECTION		Due on Rolls Apr. 19, 1900, and returns to Apr. 19, '01	Collections from Apr. 19, 1900 to Apr. 19, 1901	Sales to City	Sales to Others	Land Enjoyed from Sales	Balance Due Apr. 19, 1901
Prince St. Imp., Madison to Union 2d Inst.		\$ 76 44	\$ 50 96	\$ 25 48			
Taylor, Sweet and other streets sewer.		327 73		233 36	44 37		
Thomas St. Imp., Madison to S. Union 2d Inst.		21 51	9 29		12 25		
Valley Ave. Imp., W. Bridge to Fourth 4th Inst.		136 07	124 50	11 46			
Watson St. Imp., Lane to John Ball Park 1st Inst.		783 54	23 74	11 87	\$ 11 87	\$ 736 06	\$ 933 44
Watson St. Imp., Lane to John Ball Park 2d Inst.		980 27	46 83				
Winsor Place Imp., Fifth to Prince 3d Inst.		119 52	90 99	25 77		Rebate 2 76	
S. Division St. Imp., Burton to R. R. 3d Inst.		103 24	47 81	55 43			
Plainfield Ave. Imp., R. R. to Quimby 3d Inst.		340 01	287 86	52 15			
Plainfield Ave. Imp., Quimby to Knapp 3d Inst.		1,777 45	336 35	1,437 66		Unsold 3 41	
Plainfield Ave. Imp., Coldbrook to R. R. 3d Inst.		292 24	135 05	74 05	53 14		
Cherry St. Imp., Ellsworth to Ottawa 2d Inst.		19 74		19 74			
Cherry St. Imp., Ellsworth to Ottawa 3d Inst.		18 82					18 82
Kalamazoo Ave. Imp. Boston to Burton 3d Inst.		535 87	13 78	512 09			
Warden St. Imp., Madison to Union 2d Inst.		60 65	60 65				
Kalamazoo Ave. Imp., Fifth to Boston 3d Inst.		1,531 14	179 52	1,352 32	19 30		
Hermilage St. Imp., Diamond to Fuller 2d Inst.		74 17	46 56		27 61		
Eighth Ave. Imp. Jefferson to Madison 5th Inst.		13 79			13 79		
Lake Ave. Imp., Fuller to Wealthy 3d Inst.		445 67	117 84	326 83			

Bates St. imp., East to Fuller 3d inst.....	126 05	59 55	63 40	3 70	
Thompson Court imp., Sycamore to Fifth 2d inst.....	24 76	21 28	2 45	1 03	
Madison Ave. imp., Cherry to Fifth 3d inst.....	230 52	190 40	40 12		
Madison Ave. imp., Cherry to Fifth 4th inst.....	32 54	30 64			Reb'te 1 00
Madison St. imp., North to Union 3d inst.....	57 18	55 86	32		
North Union St. imp., Bridge to R. R. 2d inst.....	73 75	3 97	70 78		
Grand Ave. imp., Fountain to Lyon 2d inst.....	222 33		151 30	71 13	
Lyon St. imp., Union to Houseman 3d inst.....	457 76	146 81	240 75	70 19	
Jefferson Ave. imp., Hall to Burton 2d inst.....	132 03	53 79	123 34		
Grandville Ave. imp., Hall to Clyde Park Ave 1st inst..	50 68			50 68	
Grandville Ave. imp., Hall to Clyde Park Ave 2d inst....	70 46	23 22			47 24
Caulfield Ave. imp., Hall to Rumsey's add. 2d inst.....	23 84	16 77	13 07		
Caulfield Ave. imp., Hall to Rumsey's add. 3d inst.....	27 50	27 50			
Rose St. imp., S. Division to Buchanan 1st inst.....	16 51		16 51		
Rose St. imp., S. Division to Buchanan 2d inst.....	36 51	36 51			
E. Fulton St. imp., Jefferson to Union 1st inst.....	41 78		41 78		
E. Fulton St. imp., Jefferson to Union 2d inst.....	51 33				51 33
Stewart Ave. imp., S. Division to Buchanan 1st inst....	53 80		40 35	13 45	
Stewart Ave. imp., S. Division to Buchanan 2d inst.....	99 13	82 60			16 52
E. Grove St. imp., Diamond to Fuller 2d inst.....	23 64			23 64	
E. Grove St. imp., Diamond to Fuller 3d inst.....	32 18	31 03			25
Colt Ave. imp., Bridge to Fairbanks 2d inst.....	53 17	24 77	61 49		
Colt Ave. imp., Bridge to Fairbanks 3d inst.....	153 88	23 31			139 57
Elm Ave. imp., Division to Buchanan 1st inst.....	26 54	26 54			

I. F. LAMOREAUX, City Clerk—Continued.

RETURNED ROLLS FOR COLLECTION	Due on Rolls Apr. 19, 1900 and returns to Apr. 19, '01	Collections from Apr. 19, 1900 to Apr. 19, 1901	Sales to City	Sales to Others	Lead Enjoined from Sales	Balance Due Apr. 19, 1901
Elm Ave. Imp., Division to Buchanan 2d inst.....	\$ 106 01	\$ 48 98				\$ 57 03
Crawford St. imp., 1st inst.....	31 18	10 41	\$ 20 77			
Crawford St. imp., 2d inst.....	66 51	48 25				23 26
Crescent Ave. and Bostwick St. imp., 1st inst.....	56		56			
Crescent Ave. and Bostwick St. imp., 2d inst.....	96 32					96 32
Baxter St imp., Henry to East 2d inst.....	62 21	48 05	13 55			
N. Ionia St. Imp., Pearl to Crescent 2d inst.....	52 95		52 95			
N. Ionia St. imp., Pearl to Crescent 4th inst.....	50 37					50 37
Dickenson Ave. imp., Madison to Jefferson 1st inst.....	60 18	30 36	27 51	\$ 9 31		
Dickenson Ave. imp., Madison to Jefferson 2d inst.....	85 67	14 31				71 36
Robinson Ave. imp., Lake to city limits 2d inst.....	113 63		113 63			
Robinson Ave. imp., Lake to city limits 3d inst.....	297 31					297 31
Mills St. imp., Madison to S. College 1st inst.....	165 48		82 74	82 74		
Mills St. imp., Madison to S. College 2d inst.....	101 65					101 65
Barth St. imp., 2d inst.....	19 20	19 20				
Tenth St. imp., Alpine Ave. to Pine 1st inst.....	40 64	40 64				
Tenth St. imp., Alpine Ave. to Pine 2d inst.....	54 42					54 42
Turner St. imp., Bridge to 7th St. 1st inst.....	93 96	93 96				
Turner St. imp., 7th to North St 1st inst.....	257 20	144 02	173 64	36 54		

Ottawa St. imp., Fairbanks to Coldbrook 2d inst.	429 90	349 08	84 89			
S. Waterloo St. imp., Fuller to Wealthy 2d inst.	280 44	261 81	08 63			
Godfrey Ave. imp., Market to Railway 1st inst.	59 50	52 50				
Travis Ave. imp., Watrous to Canal 1st inst.	343 41	210 87	132 54			
Spencer Ave. imp., Plainfield to North 2d inst.	190 73	141 29	46 44			
Home Ave. imp., S. Ionia to Division 3d inst.	28 13	28 13				
Sibley St. imp., Ditch to Valley Ave 1st inst.	280 26	63 60	217 25			
Garden St. imp., Madison Ave to Jefferson 1st inst.	64 47		64 47			
Sweet St. imp., Colt to Plainfield 1st inst.	137 76	107 10	30 66			
Warren Ave. imp., Cherry to Buckeye 1st inst.	23 73	23 72				
Logan and Charles St. sewer	27	27				
N. Front St. sewer	109 73	109 72				
Home Ave. imp., S. Division to Jefferson 2d inst.	90 38	90 38				
Sheldon St. imp., E. Fulton to First Ave 1st inst.	224 70					244 70
Brown Ave imp., 1st inst.	74 83	74 83				
Ottawa St. imp., Lyon to Bridge 2d inst.	61 92	61 92				
Fair St. imp., Division to Jefferson 2d inst.	102 63	17 79	16 42	68 42		
N. Diamond St. imp., Fountain to flat 1st inst.	143 07		143 07			
Center St. imp., Sweet to Deane 1st inst.	3 71	63	3 06			
Canal St. imp., Newberry to Coldbrook 1st inst.	141 73	22 55				109 20
Canal St. imp., Bridge to Newberry 1st inst.	231 31	43 10				273 21
Bradford St. imp., Clancy to Lafayette 1st inst.	66 15					66 15
Helen Ave imp., 2d inst.	11 81	11 81				
Colfax and Colt Ave. sewer	187 06	29 22	105 63	42 21		

I. F. LAMOREAUX, City Clerk—Continued.

RETURNED ROLLS FOR COLLECTION	Due on Rolls Apr. 19, 1900 and returns to Apr. 19, '01	Collections from Apr. 19, 1900 to Apr. 19, 1901	Sales to City	Sales to Others	Land Enjoined from Sales	Balance Due Apr. 19, 1901
Campau St. sewer, Fuller to Louis	\$ 85 57	16 17	\$ 29 02	\$ 86 57		
FitzHugh St. imp., Lake to Hermitage 1st Inst.	45 19	22 36				\$ 53 46
FitzHugh St. imp., Lake to Hermitage 2d Inst.	75 82	100 66	201 18		Enj'd 887 83	
Marion St. imp., Butterworth to R. R.	509 10	16 80	241 50	4 20		
N. arm of Third Ave. Imp.	262 50			49 09		
Terrace Ave. sewer, Logan to 300 feet north	49 09					
Salem Avenue sewer	234 15		234 15			
Campau St. Imp. Fulton to Louis	1,467 90		897 75	570 15		
Twelfth Ave. sewer	33 60	33 80				
Godfrey Ave. sewer	55 65	50 40	5 25			
Woodmere Court sewer	27 31	27 31				
Auburn and Hope Ave. sewer	19 96	19 96				
Canal St. imp., Pearl to Bridge	136 71					136 71
Total	\$ 30,715 66	\$ 6,183 39	\$ 8,556 10	\$ 1,788 24	\$ 1,011 49	\$ 3,226 54

REVENUE

Fees collected on returns \$ 115 51

I. F. LAMOREAUX, City Clerk.

CITY TAX SALES SUBJECT TO REDEMPTION

	Due Apr. 19, 1900 and sales from Apr. 19, 1900 to Apr. 19, 1901	Redeemed	Redemption Ex- pired	Bal. Uncollected Apr. 19, 1900
Barter street improvement, East to Fuller, 3d inst.....	\$ 21 06	\$ 21 06	.....	.....
Barter street improvement, East to Fuller, 4th inst.	57 43	37 25	.....	\$ 20 18
Crescent avenue and Bostwick street improvement, 2d inst	293 88	.....	.....	293 88
S. Diamond street improvement, Wealthy to Barter, 2d inst.....	27 56	.....	\$ 27 56	.....
S. Diamond street improvement, Wealthy to Barter, 3d inst	59 86	59 86	.....	.....
Dolbee street opening, Bates to 140.55' S. to Bates street	25 73	5 46	20 25	.....
Dennis street improvement, E. Fulton to Hermitage, 2d inst.....	51 06	51 06	.....	.....
Euclid avenue improvement, Hall to Home, 2d inst.	4 26	.....	4 26	.....
Grand avenue and Lyon street sewer.....	204 93	47 51	157 42	.....
Highland avenue improvement, S. Division to Central avenue, 1st inst.	19 94	.....	19 94	.....
Highland avenue improvement, S. Division to Central avenue, 2d inst.	24 39	.....	.....	24 39
Halfey Place improvement, Division to Jefferson, 1st inst.....	53 23	.....	53 23	.....
Halfey Place improvement, Division to Jefferson, 2d inst	18 18	.....	.....	18 18
Hamilton and Myrtle street sewer.....	209 40	209 40	.....	.....
Ives avenue improvement, Park ave. and Butterworth ave., 1st inst...	12 91	.....	12 91	.....
N. Ionia street alley sewer.....	49 73	49 73	.....	.....
Livingston street improvement, Bridge to Newberry, 2d inst	60 50	55 24	.....	5 16
LaBelle avenue improvement, S. Ionia to S. Division, 1st inst.	10 40	10 40	.....	.....
LaBelle avenue improvement, S. Ionia to S. Division, 2d inst.....	40 71	.....	.....	40 71

I F. LAMOREAUX, City Clerk—Continued.

CITY TAX SALES SUBJECT TO REDEMPTION	Due Apr. 19, 1900 and sales from Apr. 19, 1900 to Apr. 19, 1901	Redeemed	Redemption Ex- pired	Bal. Uncollected April 19, 1900
Oakes street improvement, Waterloo to Ellsworth avenue, 2d inst.....	51 99	51 99	.....	.....
Ottawa street improvement, Bridge to Fairbanks, 1st inst.....	56 65	56 65	.....	.....
Ottawa street improvement, Bridge to Fairbanks, 2d inst.....	27 30	27 30	.....	.....
Palmer avenue improvement, Canal to Plainfield, 1st inst....	136 40	85 87	49 73	.....
Prince street improvement, Madison avenue to Union, 1st inst.....	21 65	.....	21 65	.....
Prince street improvement, Madison avenue to Union, 2d inst.....	26 43	.....	.....	26 43
Tamarack street improvement, Walker to Twelfth street, 1st inst.....	130 38	.....	130 38	.....
Travis avenue sewer, Watrous avenue to N. Colt avenue.....	57 76	28 83	28 83	.....
Taylor, Sweet and other streets sewer.....	222 36	118 03	.....	174 31
Valley avenue improvement, W. Bridge to Fourth, 3d inst.....	12 59	12 59	.....	.....
Valley avenue improvement, W. Bridge to Fourth, 4th inst.....	12 43	13 43	.....	.....
Watson street improvement, Lane to John Ball Park, 1st inst....	12 87	12 87	.....	.....
Winsor Place improvement, Fifth avenue to Prince, 3d inst.....	26 77	.....	.....	26 77
Diamond street sewer system.....	44 70	3 00	41 70	.....
Highland avenue opening.....	16 50	10 20	6 30	.....
S. Division street improvement, Burton to R., 2d inst.....	66 50	.....	66 50	.....
S. Division street improvement, Burton to R., 3d inst.....	60 43	7 09	.....	53 34
Plainfield avenue improvement, R. R. to Quimby, 2d inst....	138 92	126 42	56 50	.....
Plainfield avenue improvement, R. R. to Quimby, 3d inst.....	54 15	.....	.....	54 15

Plainsfield avenue improvement, Quimby to Knapp, 2d inst.	1,800 79	594 65	1,336 74	.....
Plainsfield avenue improvement, Quimby to Knapp, 3d inst.	1,453 65	75 99	.....	1,376 67
Plainsfield avenue improvement, Coldbrook to R. R., 2d inst.	137 80	.....	137 80	.....
Plainsfield avenue improvement, Coldbrook to R. R., 3d inst.	78 65	30 77	.....	47 28
Cherry street improvement, Ellsworth to Ottawa street, 1st inst.	16 97	.....	16 97	.....
Cherry street improvement, Ellsworth to Ottawa street, 2d inst.	30 64	.....	.....	20 64
Kalamazoo avenue improvement, Boston to Burton, 2d inst.	343 67	3 34	340 33	.....
Kalamazoo avenue improvement, Boston to Burton, 3d inst.	500 09	1 12	.....	538 97
Warden street improvement, Madison avenue to Union street, 1st inst.	174 40	174 40	.....	.....
N. Colt avenue improvement, Sweet to Dean street, 5th inst.	9 47	.....	9 47	.....
Kalamazoo avenue improvement, Fifth to Boston, 2d inst.	1,184 02	71 44	1,116 58	.....
Kalamazoo avenue improvement, Fifth to Boston, 3d inst.	1,417 42	80 23	.....	1,328 19
N. Preespect street improvement, Cedar to Bradford, 5th inst.	158 66	.....	158 66	.....
Cherry street improvement, East to Kellogg, 5th inst.	23 30	.....	22 30	.....
Herritage street improvement, Diamond to Fuller, 1st inst.	31 67	31 67	.....	.....
Cresby street improvement, Alpine to Terminus, 5th inst.	71 61	9 36	62 35	.....
Lake avenue improvement, Fuller to Wealthy, 2d inst.	427 43	.....	427 43	.....
Lake avenue improvement, Fuller to Wealthy, 3d inst.	331 83	.....	.....	331 83
Bates street improvement, East to Fuller, 2d inst.	50 67	.....	50 67	.....
Bates street improvement, East to Fuller, 3d inst.	66 40	17 73	.....	48 63
Thompson Court improvement, Sycamore to Fifth, 1st inst.	1 74	.....	1 74	.....
Thompson Court improvement, Sycamore to Fifth, 2d inst.	4 46	2 08	.....	2 42
Madison avenue improvement, Cherry to Fifth, 2d inst.	43 80	43 80	.....	.....
Madison avenue improvement, Cherry to Fifth, 3d inst.	41 03	41 02	.....	.....

I. F. LAMORÉAUX, City Clerk—Continued.

CITY TAX SALES SUBJECT TO REDEMPTION		Due Apr. 19, 1900 and sales from Apr. 19, 1900 to Apr. 19, 1901	Redeemed	Redemption Ex- pired	Bal. Uncollected Apr. 19, 1900
Madison street improvement, North to Union, 3d inst.	\$	1 32			\$ 1 32
N. Union street improvement, Bridge to R., 1st inst.	\$	4 22	3 00	\$ 1 22	
N. Union street improvement, Bridge to R., 2d inst.		75 78	37 09		38 69
Grand avenue improvement, Fountain to Lyon, 1st inst.		180 36		180 28	
Grand avenue improvement, Fountain to Lyon, 2d inst.		158 20	81 50		76 70
Lyon street improvement, Union to Houseman, 1st inst.		141 45	20 18	121 27	
Lyon street improvement, Union to Houseman, 2d inst.		250 75	74 02		176 13
Jefferson avenue improvement, Hall to Burton, 1st inst.		37 08		37 08	
Jefferson avenue improvement, Hall to Burton, 2d inst.		134 24			134 24
E. Bridge street opening, Bank to Dock line		5 94		5 94	
Buckeye street opening, Diamond to Calkins		36 60		36 60	
Caulfield avenue improvement, Hall street to Rumsey add., 2d inst.		12 97	13 97		
Rose street improvement, S. Division to Buchanan, 1st inst.		17 41	17 41		
E. Fulton street improvement, Jefferson avenue to S. Union, 1st inst.		43 38			43 38
Stewart avenue improvement, S. Division to Buchanan, 1st inst.		43 05	43 05		
Crawford street improvement, 1st inst.		24 37	2 12		22 25
Crescent avenue and Bostwick street improvement, 1st inst.		2 36			2 36
Barter street improvement, Henry to East, 3d inst.		14 55			14 55
N. Ionla street improvement, Pearl to Crescent, 3d inst.		53 86			53 86

Dickenson avenue improvement, Madison to Jefferson, 1st inst.	29 31	.....	.....	29 31
Robinson avenue improvement, Lake avenue to City Limits, 2d inst.	117 23	.....	117 23	.....
Mills street improvement, Madison to S. College	83 74	.....	83 74	.....
General taxes 1897	53 64	.....	53 64	.....
Turner street improvement, Seventh to North, 1st inst.	198 64	.....	13 41	.....
Ottawa street improvement. Fairbanks to Coldbrook, 2d inst.	86 82	.....	45 82	.....
S. Waterloo street improvement, Fuller to Wealthy, 3d inst.	70 63	.....	86 82	.....
Godfrey avenue improvement, Market to City, 1st inst.	53 50	.....	68 40	.....
Travis avenue improvement. Watrous to Canal, 1st inst.	125 54	.....	53 50	.....
Spencer avenue improvement, Plainfield avenue to North, 2d inst.	48 44	.....	65 21	.....
Sibley street improvement, Ditch to Valley, 1st inst.	220 35	.....	20 35	.....
Gordon street improvement, Madison to Jefferson, 1st inst.	71 47	.....	8 35	.....
Sweet street improvement, Colt to Plainfield, 1st inst.	31 66	.....	.....	.....
Fair street improvement. Division to Jefferson, 2d inst.	17 42	.....	.....	.....
N. Diamond street improvement, Fountain to Flat, 1st inst.	144 07	.....	.....	.....
Center street improvement, Sweet to Dean, 1st inst.	4 08	.....	.....	.....
Diamond and Fisher streets sewer.	1 16	.....	1 16	.....
Sidewalks and Nuisance Roll, August, 1899	108 08	.....	108 08	.....
Sidewalks and Nuisance Roll. November, 1898	161 23	.....	20 41	.....
Colfax and Colt avenue sewer	108 63	.....	62 48	.....
Sidewalks and Nuisance Roll. November, 1899	440 28	.....	94 20	.....
Fitzhugh street improvement, Lake to Hermitage, 1st inst.	29 92	.....	.....	.....
Marion street improvement, Butterworth to R. R.	208 68	.....	.....	.....
N. Arm of Third avenue improvement.	244 50	.....	211 00	.....

L. F. LAMORREAU, City Clerk—Continued.

CITY TAX SALES SUBJECT TO REDEMPTION	Due Apr. 19, 1900 and sales from April 19, 1900, to Apr. 19, 1901	Redeemed	Redemption Ex- pired	Bal. Uncollected
Sweet street sewer, Plainfield to North.	\$ 35 04	.....	\$ 35 04	.....
Salem avenue sewer	235 15	.....	.....	\$ 235 15
General taxes 1900	16 77	.....	16 77	.....
Campau street improvement, Fulton to Louis	898 75	.....	.....	898 75
Sidewalk Roll, February, 1900	50 61	\$ 9 80	.....	40 81
Sidewalk and Water Service Roll, August 6, 1900.	234 01	15 45	.....	238 56
Godfrey avenue sewer	6 25	.....	.....	6 25
Fountain street improvement, Lafayette to Union	15 59	.....	15 59	.....
Colt avenue improvement, Bridge to Fairbanks	63 20	63 20	.....	.....
Total	\$ 16,543 72	\$ 3,653 02	\$ 4,988 10	\$ 7,922 60
Revenue on above rolls .....	.....	.....	.....	\$ 305 67

I. F. LAMOREAUX, City Clerk.

SALES TO OUT-IDE PARTIES REDEEMABLE IN CITY CLERK'S OFFICE		Due April 19, 1900 and sales since April 19, 1900 to April 19, 1901	Redeemed	Redemption Expired	Balance Uncollected April 19, 1901
S. Diamond street improvement, Wealthy avenue to Baxter, 2d inst..	\$ 7 19	\$	7 19		
S. Diamond street improvement, Wealthy avenue to Baxter, 3d inst..	6 90		6 90		
Dolbee street opening	4 96		4 96		
Dennis street improvement, E. Fulton to Hermitage, 3d inst.	48 82	\$	48 82		
Euclid avenue improvement, Hall to Home, 2d inst.	23 24		23 24		
Euclid avenue improvement, Hall to Home, 3d inst.	4 30				\$ 4 30
Grand avenue and Lyon street sewer	71 85		71 85		
Highland avenue improvement, S. Division to Central, 1st inst	41 82			41 82	
N. Ionia street alley sewer, Fairbanks to Trowbridge	49 73		49 73		
Jefferson avenue improvement, Wealthy to Fifth avenue, 1st inst.	41 73		41 73		
Jefferson avenue improvement, Wealthy to Fifth avenue, 2d inst	55 14		55 14		
Luton Court improvement, Lake avenue to N. Ter. of Court, 2d inst.	20 31		20 31		
Luton Court improvement, Lake avenue to N. Ter. of Court, 3d inst.	30 12				30 02
Mechanic street improvement, N. Union to East, 3d inst.	55 48				55 48
Paris avenue improvement, Cherry street to Wealthy avenue, 3d inst.	182 20				182 20
Taylor, Sweet and other streets sewer	45 27				45 27
Thomas street improvement, Madison avenue to Union street, 2d inst.	14 25				14 25
Watson street improvement, Lane to John Ball Park	12 87				12 87
Highland avenue opening	421 23			421 23	

L. F. LAMOREAUX, City Clerk—Continued.

SALES TO OUTSIDE PARTIES REDEEMABLE IN CITY CLERK'S OFFICE	Due April 19, 1900 and sales since April 19, 1900 to April 19, 1901	Redeemed	Redemption Expired	Balance Uncollected April 19, 1901
S. Division street improvement, Burton to R. R.	\$ 13 45	\$ 13 45	.....	.....
Plainfield avenue improvement, R. R. to Quimby.	75 85	.....	\$ 75 85	.....
Plainfield avenue improvement, Coldbrook to R. R.	54 14	54 14	.....	.....
Kalamazoo avenue improvement, Fifth to Boston, 2d inst.	23 85	.....	23 85	.....
Kalamazoo avenue improvement, Fifth to Boston, 2d inst.	23 30	1 85	.....	\$ 21 44
Cherry street improvement, East to Kellogg.	152 46	.....	152 46	.....
Hermilage street improvement, Diamond to Fuller street, 2d inst.	28 61	.....	.....	28 61
Eighth avenue improvement, Jefferson to Madison avenue, 5th inst.	14 69	.....	.....	14 69
Eighth avenue improvement, Jefferson to Madison avenue, 4th inst.	18 01	.....	18 01	.....
Bates street improvement, East to Fuller, 2d inst.	24 14	19 37	4 77	.....
Bates street improvement, East to Fuller, 2d inst.	4 70	.....	.....	4 70
Thompson Court improvement, Sycamore to Fifth, 2d inst.	2 08	2 08	.....	.....
Madison avenue improvement, Cherry to Fifth, 2d inst.	85 80	.....	85 80	.....
N. Union street improvement, Bridge to R. R., 1st inst.	12 08	.....	12 08	.....
Grand avenue improvement, Fountain to Lyon, 1st inst.	5 94	5 94	.....	.....
Grand avenue improvement, Fountain to Lyon, 2d inst.	72 18	72 18	.....	.....
Lyon street improvement, Union to Houseman, 1st inst.	19 74	19 74	.....	.....
Lyon street improvement, Union to Houseman, 2d inst.	73 19	.....	.....	73 19
Grandville avenue improvement, Hall st. to Clyde Park ave., 1st inst.	51 58	.....	.....	51 58

Stewart avenue improvement, S. Division to Buchanan, 1st inst.	14 35	.....	.....	.....	.....
E. Grove street improvement, Diamond to Fuller, 2d inst.	20 38	.....	.....	.....	1 16
Dickenson avenue improvement, Madison to Jefferson, 1st inst.	3 21	.....	.....	.....	3 21
Mills street improvement, Madison to S. College, 1st inst.	83 74	.....	.....	.....	.....
Turner street improvement, Seventh to North, 1st inst.	38 54	.....	.....	.....	38 54
Fair street improvement, Division to Jefferson, 2d inst.	70 49	.....	.....	.....	35 21
Sheldon street sewer, Island to 300' S. of C.	80 67	.....	80 67	.....	.....
Diamond and Fisher streets sewer.	217 20	.....	.....	.....	.....
Sidewalks and Nuisance Roll, August, 1899.	128 36	.....	.....	75 63	.....
Sidewalks and Nuisance Roll, November, 1898.	31 50	.....	.....	31 50	.....
Gelock and Dunham street sewer.	133 90	.....	.....	133 90	.....
Ethel avenue sewer.	28 20	.....	.....	28 20	.....
Colfax and Colt avenue sewer.	43 21	.....	.....	.....	43 21
Houseman street improvement, 5th inst.	20 06	.....	.....	20 06	.....
Campau street sewer, Fuller to Louis.	56 57	.....	.....	.....	56 57
N. Arm of Third avenue improvement.	5 20	.....	.....	.....	5 20
Terrace avenue sewer, Logan to 300' N.	50 09	.....	.....	.....	.....
Grand avenue and other streets sewer.	4 05	.....	.....	4 05	.....
Sewer in block 6 Colt & Co.'s add.	31 35	.....	.....	31 35	.....
Euclid Alley avenue opening.	4 05	.....	.....	.....	.....
Sidewalk Roll, February, 1899.	4 59	.....	.....	.....	4 59
Sibley street opening.	12 53	.....	.....	.....	10 56
Halfey Place sewer.	10 35	.....	.....	.....	10 35
Campau street improvement, Fulton to Louis.	571 15	.....	.....	.....	571 15

L. F. LAMOREAUX, City Clerk—Continued.

SALES TO OUTSIDE PARTIES REDEEMABLE IN CITY CLERK'S OFFICE	Due April 19, 1900 and sales since April 19, 1900 to April 19, 1901	Redeemed	Redemption Expired	Balance Uncollected April 19, 1901
Sidewalk Roll, February, 1900.....	33 06	19 48	.....	14 20
Sidewalk and Water Service Roll, August 6, 1900.....	35 26	.....	.....	35 26
Coit avenue Improvement, Bridge to Fairbanks, 1st Inst ..	14 13	.....	14 13	.....
Total.....	\$ 3,606 92	\$ 1,087 86	\$ 1,277 13	\$ 1,861 23

REVENUE

Fees collected on above.....\$ 71 00

I. F. Lamoreaux, City Clerk.

Dr.

To sidewalk roll, February, 1900.....	\$	79 29	
			\$ 79 29

Cr.

By sale to city	\$	47 61	
By sale to others		31 68	
			\$ 79 29

I. F. Lamoreaux, City Clerk.

Dr.

To unsold land.....	\$	6,410 16	
			\$ 6,410 16

Cr.

By balance, April 19, 1901	\$	6 410 16	
			\$ 6,410 16

I. F. Lamoreaux, City Clerk.

Dr.

To sidewalk and water service roll, August 6, 1900.....	\$	400 31	
			\$ 400 31

Cr.

By collections	\$	94 02	
By sale to city		281 01	
By sale to others		34 28	
			\$ 400 31
Fees on above roll.....			50

I. F. Lamoreaux, City Clerk.

Dr.

To male dog tags, May, 1900.....	\$	2,750 00	
To female dog tags, May, 1900		487 50	
			\$ 3,237 50

Cr

By male dog licenses issued.....	\$	2,306 00	
By female dog licenses issued		367 95	
By male dog tags returned		365 00	
By female dog tags returned		120 25	
			\$ 3,237 50

REPORT OF COMPTROLLER,

I. F. Lamoreaux, City Clerk.

Dr.

To balance due April, 1900, sidewalk roll, November, 1899	\$	500 65	
			\$ 500 65

Cr.

By collections	\$	50 27	
By sale to city		439 38	
By unsold land (reassessed)		11 00	
			\$ 500 65
Fees on above roll			90

I. F. Lamoreaux, City Clerk.

Dr.

To sidewalk bills.	\$	2,174 50	
			\$ 2,174 50

Cr.

By collections	\$	608 49	
By rolls returned to City Marshal		1,566 01	
			\$ 2,174 50

I. F. Lamoreaux, City Clerk.

Dr.

To sidewalk roll, November 5, 1900.	\$	578 66	
			\$ 578 66

Cr.

By collections	\$	30 75	
By balance due April 19, 1901		548 96	
			\$ 578 66
Fees on above roll			50

Thos. J. Gleason, City Marshal.

Dr.

1901.			
April 19, to sidewalk and water service roll, August 6, 1900.	\$	517 84	
			\$ 517 84

Cr.

1901.			
April 19, by collections	\$	108 58	
by amount returned to City Clerk		49 31	
			\$ 517 84

Thos. J. Gleason, City Marshal.

Dr.

1901.
 April 19, to sidewalk and nuisance roll, November 5, 1900. \$ 819 88
 \$ 819 88

Cr.

1901.
 April 19, by collections..... \$ 241 22
 by amount returned to City Clerk..... 578 66
 \$ 819 88

Thos. J. Gleason, City Marshal.

Dr.

1901.
 April 19, to sidewalk and nuisance roll, February 4, 1901..... \$ 384 85
 \$ 384 85

Cr.

1901.
 April 19, by collections \$ 45 00
 by balance 339 85
 \$ 384 85

REPORT OF COMPTROLLER.

LEO A. CARO, City Comptroller.

CITY TAX TITLES		Amount of Tax Titles	Quit Claims	Balance Due April 19, 1901
		\$	\$	\$
Diamond street improvement, Wealthy avenue to Baxter, 2nd inst.	.....	27 56	27 56	.....
Dolbee street opening	.....	20 25	20 25	.....
Euclid avenue improvement, Hall to Home, 2nd inst.	.....	4 25	4 25	.....
Grand avenue and Lyon street sewer	.....	157 42	21 90	135 52
Highland avenue improvement, South Division street to Central avenue, 1st inst.	.....	19 94	.....	19 94
Halfley Place improvement, Division to Jefferson, 1st inst.	.....	58 23	58 23	.....
Ives avenue improvement, Park avenue to Butterworth, 1st inst.	.....	12 91	12 91	.....
Palmer avenue improvement, Canal to Plainfield, 1st inst.	.....	49 73	.....	49 73
Prince street improvement, Madison avenue to Union street, 1st inst.	.....	21 65	.....	21 65
Tamarack street improvement, Walker avenue to Twelfth street, 1st inst.	.....	120 38	.....	120 38
Travis avenue sewer, Watrous to North Colt avenue.	.....	28 88	28 88	.....
Diamond street sewer system	.....	41 70	.....	41 70
Highland avenue opening	.....	6 30	1 20	5 10
South Division street improvement, Burton avenue to Railroad, 2nd inst.	.....	68 50	.....	68 50
Plainfield avenue improvement, Railroad to Quimby street, 1st inst.	.....	108 28	61 90	46 38
Plainfield avenue improvement, Railroad to Quimby street, 2nd inst.	.....	56 50	.....	56 50
Plainfield avenue improvement, Quimby to Knapp, 1st inst.	.....	1,422 26	303 73	1,028 55
Plainfield avenue improvement, Quimby to Knapp, 2nd inst.	.....	1,335 74	79 30	1,256 44
Plainfield avenue improvement, Coldbrook to Railroad, 1st inst.	.....	40 50	.....	40 50
Plainfield avenue improvement, Coldbrook to Railroad, 2nd inst.	.....	137 89	88 75	49 14

	\$	\$	\$
Cherry street improvement, Ellsworth to Ottawa, 1st inst.	16 97		16 97
Kalamazoo avenue improvement, Boston to Burton, 1st inst.	229 14	14 22	244 02
Kalamazoo avenue improvement, Boston to Burton, 2nd inst	240 23	03 83	276 51
Lincoln street improvement, Seventh to West Leonard, 2nd inst.	3 00		3 00
Lincoln street improvement, Seventh to West Leonard, 3rd inst.	6 84		6 84
Lincoln street improvement, Seventh to West Leonard, 4th inst.	2 89		2 89
Lincoln street improvement, Seventh to West Leonard, 5th inst.	2 81		2 81
Fountain street improvement, Lafayette to Union, 1st inst	14 20		14 20
Fountain street improvement, Lafayette to Union, 2nd inst.	17 75		17 75
Fountain street improvement, Lafayette to Union, 3rd inst	16 96		16 96
Fountain street improvement, Lafayette to Union, 4th inst	15 53		15 53
Fountain street improvement, Lafayette to Union, 5th inst	15 50		15 50
Gilbert street improvement, Madison to Valley City cemetery, 1st inst	2 13		2 13
Gilbert street improvement, Madison to Valley City cemetery, 2nd inst.	2 73		2 73
Gilbert street improvement, Madison to Valley City cemetery, 3rd inst.	2 67		2 67
Gilbert street improvement, Madison to Valley City cemetery, 4th inst	2 64		2 64
Gilbert street improvement, Madison to Valley City cemetery, 5th inst	1 10		1 10
Diamond street improvement, Lake to Fountain, 1st inst.	3 90		3 90
Diamond street improvement, Lake to Fountain, 2nd inst	4 86		4 86
Diamond street improvement, Lake to Fountain, 3rd inst	4 67		4 67
Diamond street improvement, Lake to Fountain, 4th inst	4 49		4 49
East Leonard street improvement, 1st inst	65 43		65 43
East Leonard street improvement, 2nd inst.	188 00		188 00
East Leonard street improvement, 3rd inst	189 90		189 90

REPORT OF COMPTROLLER,

LEO A. CARO, City Comptroller—Continued.

CITY TAX TITLES	Amount of Tax Titles	Quit Claims	Balance Due April 19, 1901
East Leonard street improvement, 4th inst	\$ 171 22	.....	\$ 171 22
East Leonard street improvement, 5th inst.	289 05	\$ 97 20	191 85
Broadway street improvement, north to D. & M. Railroad, 1st inst	3 53	.....	3 53
Broadway street improvement, north to D. & M. Railroad, 2d inst	4 77	.....	4 77
Broadway street improvement, north to D. & M. Railroad, 3d inst	4 50	.....	4 50
Broadway street improvement, north to D. & M. Railroad, 4th inst	4 41	.....	4 41
Broadway street improvement, north to D. & M. Railroad, 5th inst	29 47	25 20	4 27
Butterworth avenue improvement, 1st inst	281 29	.....	281 29
Butterworth avenue improvement, 3d inst	15 17	.....	15 17
Butterworth avenue improvement, 4th inst.	14 47	.....	14 47
Butterworth avenue improvement, 5th inst.	41 30	27 44	13 86
South Ionia street improvement, Hall to Stevens, 2d inst	30 63	.....	30 63
North Colt avenue improvement, Sweet to Deane, 5th inst.	9 47	9 47	.....
Kalamazoo avenue improvement, Fifth to Boston, 1st inst.	719 40	6 96	712 44
Kalamazoo avenue improvement, Fifth to Boston, 2d inst	1,116 53	17 11	1,099 47
North Prospect street improvement, Cedar to Bradford, 1st inst.	80 84	.....	80 84
North Prospect street improvement, Cedar to Bradford, 2d inst.	143 10	.....	143 10
North Prospect street improvement, Cedar to Bradford, 3d inst.	135 79	.....	135 79
North Prospect street improvement, Cedar to Bradford, 4th inst.	129 43	.....	129 43
North Prospect street improvement, Cedar to Bradford, 5th inst	118 06	38 98	194 06

Cherry street improvement, East to Kellogg, 1st inst.	20 87	.....	.....	30 87
Cherry street improvement, East to Kellogg, 2d inst.	25 48	.....	.....	35 48
Cherry street improvement, East to Kellogg, 3d inst.	24 29	.....	.....	24 29
Cherry street improvement, East to Kellogg, 4th inst.	23 15	.....	.....	23 15
Cherry street improvement, East to Kellogg, 5th inst.	22 30	.....	.....	22 30
Crosby street improvement, Alpine to Terminus, 1st inst.	23 76	.....	.....	23 76
Crosby street improvement, Alpine to Terminus, 2d inst.	28 56	.....	.....	28 56
Crosby street improvement, Alpine to Terminus, 3d inst.	80 27	.....	.....	80 27
Crosby street improvement, Alpine to Terminus, 4th inst.	84 08	.....	8 29	76 64
Crosby street improvement, Alpine to Terminus, 5th inst.	62 35	.....	8 08	54 22
Lake avenue improvement, Fuller to Wealthy, 2d inst.	427 48	.....	80 29	347 14
Bates street improvement, East to Fuller, 1st inst.	40 38	.....	.....	40 38
Bates street improvement, East to Fuller, 2d inst.	50 87	.....	.....	50 87
Thompson Court improvement, Sycamore to Fifth avenue, 1st inst.	1 74	.....	1 74	.....
Campau street opening	3 00	.....	.....	3 00
Madison street improvement, North to Union, 1st inst.	1 18	.....	1 18	.....
North Union street improvement, Bridge to Railroad, 1st inst.	1 22	.....	1 22	.....
Grand avenue improvement, Fountain to Lyon, 1st inst.	180 36	.....	135 22	55 05
Lyon street improvement, Union to Houseman, 1st inst.	191 27	.....	19 74	161 53
Jefferson avenue improvement, Hall to Burton, 1st inst.	37 06	.....	18 73	18 35
East Bridge street opening	5 94	.....	5 94	.....
Buckeye street opening	36 00	.....	.....	36 00
East Fulton street improvement	546 06	.....	.....	546 06
Brown avenue opening	18 01	.....	.....	18 01

LEO A. CARO, City Comptroller—Continued.

CITY TAX TITLES	Amount of Tax Titles	Quit Claims	Balance Due April 15, 1961
Lowering creek in De Vries' add.	\$ 27 50	.....	\$ 27 50
Hamilton street opening	122 95	.....	122 95
Cherry street sewer.	24 46	.....	24 46
Terrace avenue sewer	52 50	.....	52 50
Robinson avenue and school street sewer	130 00	.....	130 00
North Division street paving	1,120 50	.....	1,120 50
McDowell street opening.	310 43	.....	310 43
Canal street improvement, Leonard to Coldbrook	1,800 30	.....	1,800 30
Baxter street sewer, East to Fuller.	6 30	.....	6 30
First street sewer, Pine to Fremont.	2 11	.....	2 11
Sweet street opening.	6 15	.....	6 15
Third street sewer, Pine to Fremont	42 83	.....	42 83
Grandville avenue opening	27 90	16 50	11 40
Dwight avenue sewer	11 00	.....	11 00
South Division street paving	3 53	.....	3 53
Bradford and other streets sewer	19 75	.....	19 75
North Division street sewer, Lyon to Monroe.	314 37	.....	314 37
Dolbee, Baxter and Diamond streets sewer	4 86	.....	4 86
Campden street improvement, Lyon to Pearl	4 84	.....	4 84
Third street improvement, Beach to Broadway.	53 29	43 22	10 97

Madison avenue sewer, Hall to Railroad	40 31	4 88	36 43
Coldbrook street improvement, Canal to Taylor	425 37	.....	425 37
Fairbanks and Clinton streets sewer	32 40	.....	32 40
Madison street sewer system	79 83	.....	79 83
Letellier street sewer	2 78	.....	2 78
Fifth avenue sewer, Union to Kalamazoo	64 25	22 90	41 35
Diamond street opening	5 66	.....	5 56
Benson street improvement	23 03	.....	23 02
West Wealthy avenue improvement, 2d inst	17 50	.....	17 50
West Wealthy avenue improvement, 3d inst	51 77	.....	51 77
West Wealthy avenue improvement, 4th inst	40 38	.....	40 38
West Wealthy avenue improvement, 5th inst	29 29	.....	29 29
Courtney street opening	619 49	.....	619 49
South Ionia street paving, Oakes to Wealthy	501 15	.....	501 15
Elizabeth street improvement, Leonard to Gunnison's add	190 25	.....	190 25
Sinclair street improvement, Hastings to Coldbrook	198 26	.....	198 26
College avenue and other streets sewer	224 10	.....	224 10
Straight street sewer, West Fulton to Sibley	1 43	.....	1 43
Walbridge and other streets sewer	1,894 00	19 69	1,274 36
Prescott street sewer extension	220 25	.....	220 25
Chubb street and Gelock alley sewer, 3d inst	1 43	.....	1 42
Chubb street and Gelock alley sewer, 4th inst	1 39	.....	1 39
Chubb street and Gelock alley sewer, 5th inst	1 37	.....	1 37
Hall street improvement, 2d inst	14 38	.....	14 38

LEO A. CARO, City Comptroller—Continued.

CITY TAX TITLES	Amount of Tax Titles	Quit Claims	Balance Due April 19, 1901
	\$		\$
Hall street improvement, 3d inst.	13 96	.....	13 96
Hall street improvement, 4th inst.	13 32	.....	13 32
Hall street improvement, 5th inst.	59 76	.....	59 76
Park avenue sewer, Ditch to Straight, 1st inst.	14 36	.....	14 36
Park avenue sewer, Ditch to Straight, 2d inst.	17 22	.....	17 22
Park avenue sewer, Ditch to Straight, 3d inst.	17 12	.....	17 12
Park avenue sewer, Ditch to Straight, 4th inst.	15 64	.....	15 64
Olive, Earl and Straight streets sewer, 1st inst.	47 62	.....	47 62
Dwight avenue improvement, 1st inst.	5 32	.....	5 32
Dwight avenue improvement, 2d inst.	6 60	.....	6 60
Dwight avenue improvement, 3d inst.	6 34	.....	6 34
Dwight avenue improvement, 4th inst.	6 07	.....	6 07
Dwight avenue improvement, 5th inst.	5 87	.....	5 87
Butterworth avenue sewer, Lane to Hogadone.	60 60	60 60	.....
Charles street improvement.	19 18	19 18	.....
West Leonard street improvement, 2d inst.	10 85	.....	10 85
Hamilton street improvement, 1st inst.	37 99	.....	37 99
Hamilton street improvement, 2d inst.	32 96	.....	32 96
Hamilton street improvement, 3d inst.	31 54	.....	31 54
Hamilton street improvement, 4th inst.	30 10	.....	30 10

Hamilton street improvement, 5th inst.	.....	36 06
Park avenue improvement, 1st inst	.....	7 29
Park avenue improvement, 2d inst	.....	21 46
Park avenue improvement, 5th inst	.....	15 26
Courtney street sewer, 700 feet west of Alpine avenue	.....	7 72
Lyon street improvement, Canal to Campau	.....	74 40
Kalamazoo avenue sewer, Fifth to Alexander	.....	298 93
Courtney street sewer, 700 feet to 1,000 feet west of Alpine avenue	.....	29 72
South Lafayette street improvement	.....	56 82
Thomas street sewer	.....	27 08
Gunnison street improvement, 1st inst	.....	31 91
Gunnison street improvement, 2d inst	.....	38 90
Gunnison street improvement, 3d inst	.....	37 50
Gunnison street improvement, 4th inst	.....	28 13
Gunnison street improvement, 5th inst	.....	34 10
East street improvement, Fountain to Ives, 1st inst.	.....	164 21
East street improvement, Fountain to Ives, 2d inst	.....	201 11
East street improvement, Fountain to Ives, 3d inst	.....	168 14
East street improvement, Fountain to Ives, 5th inst	.....	248 03
Fernando street improvement, 1st inst	.....	8 46
Fernando street improvement, 2d inst	.....	10 46
Fernando street improvement, 3d inst	.....	10 01
Fernando street improvement, 4th inst	.....	9 57
Fernando street improvement, 5th inst	.....	9 23
	.....	15 00

REPORT OF COMPTROLLER,

LEO A. CARO, City Comptroller—Continued.

CITY TAX TITLES	Amount of Tax Titles	Quit Claims	Balance Due April 19, 1901
Oakdale avenue improvement, Madison to Kalamazoo, 1st inst	\$ 14 41	..	\$ 14 41
Oakdale avenue improvement, Madison to Kalamazoo, 2d inst	29 01	..	29 01
Oakdale avenue improvement, Madison to Kalamazoo, 3d inst	64 98	..	64 98
Oakdale avenue improvement, Madison to Kalamazoo, 4th inst	62 03	..	62 03
Oakdale avenue improvement, Madison to Kalamazoo, 5th inst	59 82	..	59 82
Ames street improvement, 2d inst	1 82	..	1 82
Goodrich street improvement	107 11	..	107 11
Diamond and Fisher streets sewer	1 16	\$ 1 16	..
Sidewalk and Nuisance Roll, November, 1898	131 82	52 35	79 47
City and Highway taxes, 1897	1,175 70	95 90	1,079 80
Sidewalk and Nuisance Roll, August, 1893	825 09	..	325 09
City and Highway taxes, 1896	1,095 56	67 55	1,028 01
Hall and Buchanan streets sewer, 1st inst	14 98	..	14 98
Hall and Buchanan streets sewer, 2d inst	44 05	2 49	41 56
Hall and Buchanan streets sewer, 3d inst	54 94	2 62	52 32
Hall and Buchanan streets sewer, 4th inst	47 79	2 54	45 25
Hall and Buchanan streets sewer, 5th inst	53 07	..	53 07
City and Highway tax, 1898	1,401 80	409 44	992 16
Sweet street sewer, Plainfield to North	35 04	..	35 04
General taxes, 1896	16 77	4 96	11 81

City and Highway tax, 1893	14 32	4 32	9 90
South Lane avenue improvement, Butterworth to Fulton, 1st inst	2 15	1 13	1 02
South Lane avenue improvement, Butterworth to Fulton, 2d inst	2 71	1 45	1 26
South Lane avenue improvement, Butterworth to Fulton, 3d inst	2 62	1 39	1 23
South Lane avenue improvement, Butterworth to Fulton, 4th inst	2 54	1 35	1 19
South Lane avenue improvement, Butterworth to Fulton, 5th inst	2 48	1 31	1 17
Sidewalk Roll, November, 1893	25 93	.....	25 93
Sidewalk Roll, November, 1893	62 57	.....	62 57
Sidewalk Roll, August, 1896	11 59	.....	11 59
Sidewalk Roll, November, 1894	62 24	.....	62 24
Sidewalk Roll, August, 1896	59 39	.....	59 39
City and Highway tax, 1891-1892	203 82	.....	203 82
Carrier, Reed and other streets sewer, 2d inst	8 94	.....	8 94
Carrier, Reed and other streets sewer, 3d inst	8 56	.....	8 56
Carrier, Reed and other streets sewer, 4th inst	7 40	.....	7 40
Carrier, Reed and other streets sewer, 5th inst	15 73	.....	15 73
Bridge street improvement, Jefferson to Bridge, 3rd inst	208 18	.....	208 18
Lake street sewer system	1 02	.....	1 02
East Fulton street improvement, 2d inst	43 87	.....	42 87
East Fulton street improvement, 3d inst	41 12	.....	41 12
East Fulton street improvement, 4th inst	81 60	.....	81 60
East Fulton street improvement, 5th inst	77 51	.....	77 51
Coit avenue improvement, 3d inst	13 88	.....	13 88
City and Highway tax, 1896	8 63	.....	8 63

LEO A. CARO, City Comptroller—Continued.

CITY TAX TITLES	Amount of Tax Titles	Quit Claims	Balance Due April 19, 1901
Sidewalk Roll, February, 1898.....	\$ 38 56	.....	\$ 38 56
Lafayette street Improvement, 1st Inst.....	511 27	.....	511 27
Lafayette street Improvement, 2nd Inst.....	593 30	.....	593 30
Lafayette street Improvement, 3d Inst.....	493 75	.....	493 75
Lafayette street Improvement, 4th Inst.....	896 57	.....	896 57
Lafayette street Improvement, 5th Inst.....	993 17	.....	993 17
Sherman street Improvement, 1st Inst.....	17 61	.....	17 61
Sherman street Improvement, 2d Inst.....	21 58	.....	21 58
Sherman street Improvement, 4th Inst.....	19 85	.....	19 85
Sherman street Improvement, 5th Inst.....	66 34	47 46	18 88
Sherman street sewer, 1st Inst.....	6 24	.....	6 24
Sherman street sewer, 2d Inst.....	10 70	.....	10 70
Sherman street sewer, 3d Inst.....	8 78	.....	8 78
Sherman street sewer, 4th Inst.....	20 33	12 34	8 09
Sherman street sewer, 5th Inst.....	26 40	17 28	9 19
Canal street paving, 1st Inst.....	136 44	.....	136 44
Canal street paving, 3d Inst.....	130 28	.....	130 28
Canal street paving, 4th Inst.....	125 45	.....	125 45
Canal street paving, 5th Inst.....	119 29	.....	119 29
Highland avenue sewer.....	2 78	.....	2 78

Highland avenue and Green street sewer .. .	2 47	.....	2 47
Fifth and Madison avenue sewer	54 49	.....	54 49
Sidewalk Roll, August, 1896.....	170 93	.....	170 93
Sidewalk Roll, November, 1897	118 25	.....	118 25
Sidewalk Roll, February, 1897	20 05	.....	20 05
Sidewalk Roll, February, 1895	141 72	.....	141 72
Sidewalk Roll, August, 1892	99 81	.....	99 81
Sidewalk Roll, November, 1892.....	54 50	.....	54 50
Chatham and other streets sewer.....	1 73	.....	1 73
South Union street improvement	34 59	.....	34 59
City and Highway tax, 1899.....	1,065 59	.....	1,065 59
Tax titles previous to May, 1893	23,910 97	88 88	23,127 09
Total.....	\$ 55,733 23	\$ 2,376 46	\$ 53,356 77

REVENUE

Fees collected on above..... \$ 563 03

EXPENSES PAID FROM GENERAL FUND FOR STREET IMPROVEMENTS.

NAME OF IMPROVEMENT	DR.		CR.		
	Balance Due Gen'l Fund April 19, 1900	Paid from Gen'l Fund April 19, 1901	Quit Claims and Redemptions	Transfers to Gen'l and Contingent Funds	Balance Due General Fund
Robey street improvement	\$ 47 05	.....	.....	.....	\$ 47 05
Robey street sewer	9	.....	.....	.....	9
Antisdel court improvement	4 54	.....	.....	.....	4 54
Crescent court improvement .....	.....	\$ 45 23	.....	\$ 23 96	21 25
Huron street alley opening	143 56	.....	.....	.....	143 56
North College avenue, North avenue, etc. sewer	93 93	.....	.....	.....	93 93
Courtney street opening	1,542 96	.....	.....	.....	1 532 96
North Diamond street improvement, Fountain to Flat .....	.....	292 89	.....	.....	292 89
Crofton avenue opening	99 13	.....	.....	.....	99 13
Tolford street improvement	1 00	.....	.....	.....	1 00
Diamond street improvement	355 77	.....	.....	.....	355 77
Eighth avenue sewer	10 12	.....	.....	.....	10 12
South Fuller street sewer	27 48	.....	.....	.....	27 48
East Fulton street improvement, Division to Jefferson avenue	563 25	.....	.....	.....	563 25
Hastings street sewer	63 09	.....	.....	.....	63 09
North Ionis street improvement, Pearl to Monroe	14 00	.....	.....	.....	14 00
South Ionis street improvement, Oakes to Wealthy avenue	348 22	.....	.....	.....	348 22

Jefferson avenue sewer.....	10 28	.....	.....	.....	10 28
Major's court sewer	7 13	.....	.....	.....	7 13
Oakdale avenue sewer	140 87	.....	.....	.....	140 87
Oakdale avenue improvement	241 28	.....	.....	.....	241 28
Packard, Baldwin and East streets sewer ..	27 66	.....	.....	.....	27 66
Prescott street sewer extension	1,646 49	.....	.....	.....	1,646 49
Sinclair street improvement.....	209 01	.....	.....	.....	209 01
Straight street sewer.....	16 63	.....	.....	.....	16 63
Stocking street sewer	25 48	.....	.....	.....	25 48
Stocking street sewer, Fourth to Fifth streets	2 00	.....	.....	.....	2 00
Wealthy avenue sewer, Ellsworth to Buchanan	106 94	.....	.....	.....	106 94
Crescent avenue alley improvement, North Union to Grand avenue	3 00	.....	.....	.....	3 00
West Wealthy avenue improvement	222 85	.....	.....	.....	222 85
Stocking street improvement, Third to Fifth streets	4 00	.....	.....	.....	4 00
McDowell street opening.....	438 02	.....	.....	.....	438 02
Terrace avenue sewer, Fifth to Highland.....	56 08	.....	.....	.....	56 08
Third street sewer, Fremont to Pine.....	90 34	.....	.....	.....	90 34
Ames street improvement	71 71	.....	.....	.....	71 71
Bostwick street improvement, Lyon to Park	114 56	.....	.....	.....	114 56
Butterworth avenue improvement	612 84	.....	.....	27 41	585 40
Bradburn street improvement.....	49 03	.....	.....	.....	49 03
Bartlett street improvement, Finney to Waterloo.....	1 00	.....	.....	.....	1 00
Briggs Place improvement.	62 46	.....	.....	.....	62 46
Broadway street improvement, North street to Railroad	430 45	.....	.....	25 20	405 25

EXPENSES PAID FROM GENERAL FUND, ETC.—Continued.

NAME OF IMPROVEMENT	DR.		CR.	
	Balance Due Gen'l Fund April 19, 1900	Paid From Gen'l Fund to April 19, 1901	Quit Claims and Redemptions	Transfer to Gen'l and Con- tingent Funds
Bartlett street sewer.....	\$ 47 16	.....	.....	\$ 47 16
Bates street improvement, Union to East.....	226 71	.....	.....	226 71
North Colt avenue grade.....	130 50	.....	\$ 9 47	121 03
Charles street improvement, Sherman to Thomas.....	81 48	.....	19 18	62 30
Chubb street and Gelook alley sewer.....	61 40	.....	.....	61 40
Chestnut street improvement.....	64 91	.....	.....	64 91
Cherry street improvement, East to Kellogg ave.....	428 86	.....	.....	428 86
Crosby street improvement.....	639 43	.....	25 58	663 84
South College avenue improvement, Mills to Thomas.....	85 40	.....	.....	85 40
South College avenue paving, Wealthy avenue to Mills.....	93 62	.....	.....	93 62
Diamond street improvement, Lake avenue to Fountain.....	164 51	.....	.....	164 51
Dwight avenue improvement.....	90 76	.....	.....	90 76
Dayton street sewer.....	207 54	.....	.....	207 54
Elizabeth street improvement.....	112 82	.....	.....	112 82
Ethel avenue improvement, Wealthy to Logan.....	70 40	.....	.....	70 40
Eureka avenue sewer.....	50 73	.....	.....	50 73
Bradford street improvement, Clancy to Lafayette.....	.....	51 07	.....	51 07

Ethel avenue improvement, Logan to Sherman	46 77	.....	.....	.....	46 77
Eureka avenue improvement, Wealthy avenue to Buckeye	35 41	.....	.....	.....	35 41
Eureka avenue improvement, Wealthy avenue to Logan .....	.....	15 45	.....	.....	15 45
North East street improvement, Fountain to Ives	1,070 80	.....	.....	.....	1,070 80
Eighth street improvement	65	.....	.....	.....	65
Fountain street improvement, Lafayette to North Union	154 90	.....	.....	.....	154 90
South Front street improvement	47 06	.....	.....	.....	47 06
Fourth street improvement	224 21	.....	.....	.....	224 21
Fernando street improvement,	111 44	.....	.....	.....	111 44
Fremont street improvement	50 13	.....	.....	.....	50 13
Frank street grade.	80 67	.....	.....	.....	80 67
Briggs avenue improvement	93 00	.....	.....	.....	93 00
Gilbert street improvement	80 75	.....	.....	.....	80 75
Gunnison street grade	381 01	.....	.....	.....	381 01
Goodrich street sewer	68 08	.....	.....	.....	68 08
Hamilton street improvement	287 16	.....	.....	.....	287 16
Hollister street improvement	45 22	.....	.....	.....	45 22
Houseman street improvement	186 55	.....	.....	.....	186 55
Hall street improvement, Grandville to Kalamazoo avenues.	1,310 38	.....	.....	.....	1,310 38
South Tonia street improvement, Stevens to Hall.	271 37	.....	.....	.....	271 37
Innes avenue improvement	99 42	.....	.....	.....	99 42
Island street improvement.	206 19	.....	.....	.....	206 19
Jefferson avenue improvement, Fifth avenue to Hall street	373 16	.....	.....	.....	373 16
Lincoln street improvement	229 78	.....	.....	.....	229 78

EXPENSES PAID FROM GENERAL FUND, ETC.—Continued.

NAME OF IMPROVEMENT	DR.		CR.		
	Balance Due Gen'l Fund April 19, 1900	Paid From Gen'l Fund to April 19, 1900	Quit Claims and Redemptions	Transfers to Gen'l and Con- tingent Funds	Balance Due General Fund
West Leonard street improvement.....	\$ 213 80	.....	.....	.....	\$ 213 80
South Lane avenue improvement, Fulton to Sibley	51 72	.....	.....	.....	51 72
South Lane avenue improvement, Fulton to Butterworth.....	152 63	.....	.....	.....	152 63
East Leonard street grade.....	1 778 58	.....	\$ 97 20	.....	1,681 38
Langdon street improvement	49 42	.....	.....	.....	49 42
Logan street improvement, East to Fuller.....	178 91	.....	.....	.....	178 21
Lake street improvement, East to Fuller.....	157 43	.....	.....	.....	157 43
Olive street improvement.....	40 19	.....	.....	.....	40 19
Olive, East and Straight streets sewer.....	71 65	.....	.....	.....	71 65
Park avenue improvement, Lane to Ball Park	104 50	.....	.....	.....	104 50
Park avenue sewer, Lane to Ditch	185 49	.....	.....	.....	185 49
Prospect avenue improvement	48 49	.....	.....	.....	48 49
North Prospect street improvement	846 43	.....	33 93	.....	812 45
Richard Terrace improvement.....	50 40	.....	.....	.....	50 40
Richard Terrace sewer	9 00	.....	.....	.....	9 00
Straight street improvement.....	35 22	.....	.....	.....	35 22
Shawmut avenue improvement, Indiana to Valley avenue	142 47	.....	.....	.....	142 47

Shawmut avenue improvement, South Front to West Division	100 67	.....	.....	.....	100 67
Shawmut avenue sewer, Gold to Broadway.	24 40	.....	.....	.....	24 40
Scribner street paving.....	291 50	.....	.....	.....	291 50
Third street improvement, Lincoln street to Valley avenue.....	146 29	.....	.....	.....	146 29
Valley avenue improvement, West Bridge to West Fulton.....	189 39	.....	.....	.....	189 39
Wealthy avenue sewer, Waterloo to Finney	58 74	.....	.....	.....	58 74
Wallen street improvement	103 70	.....	.....	.....	103 70
Alexander avenue improvement.	2 00	.....	.....	.....	2 00
Adams street improvement.....	5 00	.....	.....	.....	5 00
Allerton avenue improvement.....	2 00	.....	.....	.....	2 00
Alley between Jefferson and Cass avenues	3 00	.....	.....	.....	3 00
Alley between Jefferson and Gold streets.....	7 28	.....	.....	.....	7 28
Alley between First avenue and Pleasant street.....	2 00	.....	.....	.....	2 00
Ashland avenue improvement	4 00	.....	.....	.....	4 00
Alley between North Lafayette and North Prospect.....	1 00	.....	.....	.....	1 00
Alley in block 2 east of Gunnison street.....	1 00	.....	.....	.....	1 00
Briggs Court improvement, south of Lyon street	3 00	.....	.....	.....	3 00
Barago avenue improvement	1 00	.....	.....	.....	1 00
Barnett street improvement	1 00	.....	.....	.....	1 00
Boston avenue improvement.....	7 00	.....	.....	.....	7 00
Baxter street improvement, Henry to East.....	28 05	.....	15 80	.....	43 85
Burke avenue improvement	4 00	.....	.....	.....	4 00
West Broadway street improvement.....	8 00	.....	.....	.....	8 00
Sheldon street improvement, East Fulton to First streets.....	.....	.....	226 60	.....	226 60

EXPENSES PAID FROM GENERAL FUND, ETC.—Continued.

NAME OF IMPROVEMENT	DR.		CR.		
	Balance Due Gen'l Fund April 15, 1900	Paid From Gen'l Fund to April 15, 1901	Quit Claims and Redemptions	Transfers to Gen'l and Con- tingent Funds	Balance Due General Fund
Butterworth avenue sewer	\$ 107 74	\$ .....	\$ .....	.....	\$ 107 74
Barclay and East Fulton streets sewer	11 56	.....	.....	.....	11 56
Columbia avenue improvement	4 00	.....	.....	.....	4 00
Canal street improvement, Knapp avenue to Sweet street	131 74	.....	.....	.....	131 74
South College avenue improvement, Mills to Fifth avenue.	1 00	.....	.....	.....	1 00
Carlton street improvement	3 00	.....	.....	.....	3 00
Capital avenue improvement	2 00	.....	.....	.....	2 00
Cady Place improvement	2 00	.....	.....	.....	2 00
Coldbrook street improvement	6 41	.....	.....	.....	6 41
Court street improvement	7 00	.....	.....	.....	7 00
Cornellus avenue improvement	3 00	.....	.....	.....	3 00
Carlton street improvement	2 00	.....	.....	.....	2 00
Chester avenue improvement	2 00	.....	.....	.....	2 00
Campau street opening	524 96	.....	.....	.....	524 96
Chicago avenue improvement	6 00	.....	.....	.....	6 00
Stewart avenue improvement, South Division to Buchanan.	46 91	44 90	43 05	.....	48 76
De Bruyn avenue improvement	3 00	.....	.....	.....	3 00

	43 59	256 40	211 00	68 50	30 49
Third avenue improvement, at Buchanan	2 00	.....	.....	.....	2 00
Dean street improvement	7 61	.....	.....	.....	7 61
Howard street sewer	10 76	.....	.....	.....	10 76
North Division street improvement, East Bridge to Leonard	2 00	.....	.....	.....	2 00
Dyk street improvement	16 61	.....	.....	.....	16 61
Howard street improvement	134 59	.....	25 73	.....	108 86
Dolbee street opening and extension	1 00	.....	.....	.....	1 00
North Diamond street improvement	6 00	.....	.....	.....	6 00
Dayton street improvement	53 61	.....	.....	.....	53 61
South Division street sewer, First to Fifth avenues	1 00	.....	.....	.....	1 00
Edge Grove avenue improvement	3 00	.....	.....	.....	3 00
Emerald avenue improvement	53 07	1 25	.....	.....	54 32
Thomas street improvement, Madison avenue to South Union	3 00	.....	.....	.....	2 00
Ewing street improvement	2 00	.....	.....	.....	2 00
Fountain Park avenue improvement	21 29	.....	.....	.....	21 29
First street sewer, Pine to Fremont	1 00	.....	.....	.....	1 00
South Fuller street improvement, Fifth avenue to Hall street	83 77	.....	.....	.....	83 77
South Fuller street improvement, Lake to Fifth avenue	8 35	.....	.....	.....	8 35
Fountain street sewer	2 00	.....	.....	.....	2 00
Pisk street improvement	1 00	.....	.....	.....	1 00
Forest avenue improvement	2 00	.....	.....	.....	2 00
South Fuller street improvement, Adams to Hall	13 00	.....	.....	.....	13 00
Fifth street improvement, North Front to Stocking	1 00	.....	.....	.....	1 00
Euclid avenue improvement .....		.....	.....	.....

EXPENSES PAID FROM GENERAL FUND, ETC.—Continued.

NAME OF IMPROVEMENT	DR.		CR.		
	Balance Due Gen'l Fund April 19, 1900	Paid From Gen'l Fund April 19, 1901	Quit Claims and Redemptions	Transfers to Gen'l and Contingent Fund	Balance Due General Fund
Earl street improvement.	\$ 4 00	\$ .....	\$ .....	.....	\$ 4 00
Gold street improvement, West Bridge to West Fulton ..	7 00	.....	.....	.....	7 00
East Gilbert street improvement	7 65	.....	.....	.....	7 65
Grove Park avenue improvement	3 00	.....	.....	.....	3 00
Giddings avenue improvement	2 00	.....	.....	.....	2 00
Sewer in alley between Goodrich and Bartlett	35 27	.....	.....	.....	35 27
Higbee avenue improvement	1 00	.....	.....	.....	1 00
Hermitage street improvement	8 44	.....	.....	.....	8 44
Hermitage street improvement, Diamond to Fuller	91 27	1 25	31 67	.....	60 85
Harvey street improvement	2 00	.....	.....	.....	2 00
Taylor street improvement, Coldbrook to Leonard .....	.....	11 77	.....	.....	11 77
Hooker avenue improvement	6 00	.....	.....	.....	6 00
North Lafayette street improvement, East Fulton to Fountain ..	3 00	.....	.....	.....	3 00
High street improvement	1 00	.....	.....	.....	1 00
Harrison street improvement	1 00	.....	.....	.....	1 00
Hovey street improvement	5 00	.....	.....	.....	5 00
Hovey street sewer	2 00	.....	.....	.....	2 00

Ives street improvement.	1 00	.....	.....	.....	1 00
Ives avenue improvement	72 86	.....	.....	12 91	50 95
South Jefferson street improvement, Fulton to Buttkrorth.	5 00	.....	.....	.....	5 00
South Jefferson street improvement, West Bridge to West Fulton	10 00	.....	.....	.....	10 00
Johnston avenue improvement	1 00	.....	.....	.....	1 00
Kalamazoo avenue improvement, Fifth avenue to Fisk street	2 00	.....	.....	.....	2 00
Knapp avenue improvement.	12 00	.....	.....	.....	12 00
Lewis street improvement, Leonard street south	1 65	.....	.....	.....	1 65
Leona street improvement.	2 00	.....	.....	.....	2 00
Division, Central avenue, etc., sewer.	2 00	.....	.....	.....	2 00
Lake street improvement, Giddings to East	4 50	.....	.....	.....	4 50
Logan street improvement	2 00	.....	.....	.....	2 00
Morse street improvement.	2 00	.....	.....	.....	2 00
Nelson street improvement.	2 00	.....	.....	.....	2 00
Neland avenue improvement	2 00	.....	.....	.....	2 00
North avenue, Hastings, etc., sewer	16 00	.....	.....	.....	16 00
Valley avenue improvement, Park to Buttkrorth.	2 00	2 00	.....	.....	4 00
North street sewer	17 53	.....	.....	.....	17 53
Marion street improvement.	12 00	.....	.....	.....	12 00
Orchard place improvement.	3 00	.....	.....	.....	3 00
Ohio avenue improvement	6 00	.....	.....	.....	6 00
Orville street improvement	1 00	.....	.....	.....	1 00
Oakhill avenue improvement	2 00	.....	.....	.....	2 00
Packard street opening and extension	84	.....	.....	.....	84

EXPENSES PAID FROM GENERAL FUND, ETC.—Continued.

NAME OF IMPROVEMENT	DR.		CR.		
	Balance Due (Gen'l Fund April 19, 1900	Paid from Gen'l Fund to April 19, 1901	Quit Claims and Redemptions	Transfers to Gen'l and Con- tingent Funds	Balance Due General Fund
Phillips street improvement, Hall to Stevens	\$ 6 00	\$ 3 00	.....	.....	\$ 9 00
Page street improvement.....	3 00	.....	.....	.....	3 00
Philadelphia avenue improvement	4 00	.....	.....	.....	4 00
Pelton avenue improvement	4 00	.....	.....	.....	4 00
Prince street improvement ..	2 00	.....	.....	.....	2 00
Pennsylvania avenue improvement.....	4 00	.....	.....	.....	4 00
Portland avenue improvement.	4 00	.....	.....	.....	4 00
Plainfield avenue improvement.....	8 50	.....	.....	.....	8 50
Randolph street improvement ..	5 00	11 45	.....	.....	16 45
Russell avenue improvement ..	2 00	.....	.....	.....	2 00
Pierce street sewer.....	1 00	.....	.....	.....	1 00
Ranons avenue improvement ..	5 00	.....	.....	.....	5 00
Sunny Side avenue improvement.....	4 00	.....	.....	.....	4 00
Sylvan avenue improvement.....	2 00	.....	.....	.....	2 00
Sewer in Squier alley and Erie street.	25 03	.....	.....	.....	25 03
Spring avenue improvement.....	4 00	.....	.....	.....	4 00
Seventh street improvement, Turner to Fremont	9 00	.....	.....	.....	9 00

Silver Creek avenue improvement	7 00	.....	.....	.....	1 00
Stewart street improvement.....	2 00	.....	.....	.....	2 00
Stevens street improvements.....	8 00	.....	.....	.....	8 00
Terrace street improvement.....	2 00	.....	.....	.....	2 00
Toren Court improvement.....	4 00	.....	.....	.....	4 00
Trowbridge street opening.....	138 45	.....	.....	.....	138 45
Underwood avenue improvement.....	1 00	.....	.....	.....	1 00
Oakdale avenue improvement.....	475 36	.....	.....	.....	475 36
Vineland avenue improvement.....	4 00	.....	.....	.....	4 00
Valley avenue opening and extension	41 74	.....	.....	.....	41 74
Wartous avenue improvement.....	3 00	.....	.....	.....	3 00
Watkins street improvement.....	2 00	.....	.....	.....	2 00
E street improvement	2 00	.....	.....	.....	2 00
Windsor avenue improvement.....	11 00	.....	.....	.....	11 00
Windsor Place improvement.....	30 28	.....	27 52	.....	57 80
Worden street improvement.....	10 00	.....	.....	.....	10 00
Canal street improvement, Newberry to Coldbrook	166 28	.....	.....	.....	166 28
West street opening.....	7 60	.....	.....	.....	7 60
West street improvement, Walker avenue to North street.....	4 00	.....	.....	.....	4 00
Yuba avenue improvement.....	3 00	.....	.....	.....	3 00
Dunham street sewer	1 75	.....	.....	.....	1 75
John street improvement	3 00	.....	.....	.....	3 00
More street improvement.....	3 00	.....	.....	.....	3 00
Grandville avenue improvement.....	140 91	.....	11 00	.....	151 91

EXPENSES PAID FROM GENERAL FUND, ETC.—Continued.

NAME OF IMPROVEMENT	DR.		CR.		
	Balance Due Gen'l Fund April 19, 1900	Paid from Gen'l Fund April 19, 1901	Quit Claims and Redemptions	Transfers to Gen'l and Contingent Funds	Balance Due General Fund
Eighth avenue improvement, Jefferson to Madison avenues	\$ 69 85	\$ 65	.....	.....	\$ 70 60
Island and Spring streets alley sewer.....	10 00	.....	.....	.....	10 00
Twelfth avenue sewer, Ionia to Division.....	.....	51 49	.....	.....	51 49
Grand avenue improvement, Lyon to Fountain	256 86	162 45	\$ 206 72	.....	212 59
Elm avenue improvement	56 49	1 06	.....	.....	57 54
Calder street improvement	1 41	.....	.....	.....	1 41
Island street improvement	33 75	.....	.....	.....	33 75
Paddock street improvement.....	4 00	.....	.....	.....	4 00
North Lafayette street sewer.....	11 40	.....	.....	.....	11 00
North Pine street sewer	11 88	.....	.....	.....	11 88
Hall street sewer, Union to Oakhill cemetery.....	14 85	.....	.....	.....	14 25
North Lane avenue improvement	2 75	.....	.....	.....	2 75
River avenue improvement	2 00	.....	.....	.....	2 00
Scribner street sewer	34 50	.....	.....	.....	34 50
West Fulton street sewer.....	82 17	1 25	.....	.....	83 42
Turner street improvement, North to Seventh.....	88 53	226 89	.....	.....	270 10
Pearl street improvement, Ottawa to Ionia	3 84	.....	43 33	.....	36 84

East Bridge street alley, Barclay to Lafayette	90 05	.....	.....	.....	30 05
Clancy street improvement, East Bridge to Cedar streets	9 00	.....	.....	.....	9 00
North Ionia street improvement, East Bridge to Coldbrook	13 03	.....	.....	.....	13 05
Louis street improvement, Campan to East Fulton	96 95	.....	.....	.....	96 95
North Spring street improvement	384 14	.....	.....	.....	384 14
Seventh, Eighth, etc. sewer system	6 00	.....	.....	.....	6 00
Cornwall avenue improvement	5 00	.....	.....	.....	5 00
Libbey street opening	5 85	.....	.....	.....	5 85
Halfley place improvement	64 34	18 18	58 23	.....	24 29
Halfley place sewer	39 59	1 25	.....	.....	40 84
Thompson court improvement, Fifth avenue to Sycamore	48 80	6 20	3 77	.....	51 23
South Diamond street improvement, Logan to Baxter	3 00	.....	.....	.....	3 00
Salem avenue improvement .....	.....	7 13	.....	.....	7 13
Carrier street improvement	3 00	.....	.....	.....	3 00
Warren avenue improvement .....	.....	92 82	.....	.....	92 82
South Lafayette street improvement, Wealthy to Fifth avenues	3 80	.....	.....	.....	3 80
Buchanan street levels, Hall to Fifth .....	.....	2 00	.....	.....	2 00
Clinton street improvement	3 00	.....	.....	.....	3 00
North and South College avenue improvement, Fountain to Cherry	24 00	.....	.....	.....	24 00
Fifth avenue improvement, Giddings avenue east	3 00	.....	.....	.....	3 00
South Lane avenue sewer	10 00	.....	.....	.....	10 00
East Leonard street sewer	13 21	.....	.....	.....	13 21
Wealthy avenue sewer	19 38	.....	.....	.....	19 38
Sweet street improvement, Colt to Plainfield avenues	6 61	91 53	.....	.....	98 14

EXPENSES PAID FROM GENERAL FUND, ETC.—Continued.

NAME OF IMPROVEMENT	DR.		CR.	
	Balance Due Gen'l Fund April 19, 1901	Paid from Gen'l Fund to April 19, 1901	Quit Claims and Redemptions	Transfers to Gen'l and Con- tingent Funds
Michigan street sewer	\$ 24 32	.....	.....	\$ 24 32
Henry street improvement	5 00	.....	.....	5 00
Crawford street sewer	71 13	.....	.....	71 13
Barker place improvement, West Bridge to First streets .....	.....	\$ 3 00	.....	2 00
Campau street improvement	45 84	.....	.....	45 84
North College avenue and Christ street sewer	2 12	.....	.....	2 12
Dwight avenue sewer	76 94	.....	.....	76 94
Auburn avenue improvement, Lake to Hope avenues .....	.....	67 52	.....	67 52
North Division street sewer, Lyon to Monroe	299 04	.....	.....	299 04
Rumsey street sewer, .....	.....	71 73	.....	71 73
Woodmere Court sewer .....	.....	69 28	.....	\$ 54 34
Fourth street opening	142 27	.....	.....	142 27
Grand avenue opening	291 26	.....	.....	291 26
Huron street sewer.	8 92	.....	.....	8 92
South Ionia street sewer, Hall to Stevens	46 62	.....	.....	46 62
Workman Court improvement .....	.....	2 00	.....	2 00
West Leonard street improvement, Greenwood cemetery to limits	22 70	.....	.....	22 70

Newberry street improvements, Canal to Bridge.....		45 86	41 17	4 69
Logan street opening.....	172 91			172 91
South Union and Woodworth avenue sewer		84 90		84 90
Madison avenue sewer, Hall to Railroad.....	104 56		4 88	99 68
Paris avenue improvement.....	82 12			32 19
Paris avenue sewer, Thomas to Mills		40 23		40 23
Ransom street sewer.....	101 14			101 14
Buckeye street extension.....	47 50			47 50
Gay street improvement.....		8 00		8 00
Third street opening.....	177 56			177 56
Jefferson street alley improvement.....	2 00			2 00
Third street sewer, Stocking to Fremont.....	52 18			52 18
Canal street improvement, Pearl to Bridge streets.....		174 10		174 10
Umatilla street improvement.....	89 04			96 04
Valley avenue improvement, Park avenue to West Fulton street.....	6 00	12 00		18 00
Waterloo street sewer	367 84			367 84
Fourth street improvement, Stocking to Seward.....	4 00			4 00
Wealthy avenue sewer, Ionia to Division	146 27			146 27
South Diamond street improvement, Cherry to Wealthy		141 29		141 29
Brown avenue levels Buchanan street west.....		2 00		2 00
Griggs avenue levels.....		2 00		2 00
Maple street sewer.....	2 51			2 51
East Bridge street improvement, Canal to East.....	1 00			1 00
Chatham street sewer	2 77			2 77

EXPENSES PAID FROM GENERAL FUND, ETC.—Continued.

NAME OF IMPROVEMENT	DR.		CR.		
	Balance Due Gen'l Fund April 19, 1900	Paid from Gen'l Fund to April 19, 1901	Quit Claims and Redemptions	Transfers to Gen'l and Con- tingent Funds	Balance Due General Fund
Davis street improvement	\$ 2 00				\$ 2 00
Tamarack street improvement	190 90				190 90
Livingston street improvement	83 21	\$ 61 96	\$ 55 84		89 82
Newberry street improvement, Ionia to Clinton	3 00				3 00
Travis avenue improvement, Canal to Watrous	44 48	184 64	65 21		163 91
East Bridge street improvement, Canal to Dock line	11 69				11 69
East Bridge street opening	278 35		5 94		270 41
Sweet street re opening	90 20				90 20
Bridge street alley, Pine to Lane avenue	1 00				1 00
Maple street improvement	5 25				5 25
Palmer avenue improvement	238 40	4 00	86 67		155 73
Fair street improvement, Division street to Jefferson avenue	61 66	19 17			81 83
Mills street improvement, Madison to College avenues	34 02	101 49	83 74		51 77
Coate avenue improvement		2 00			2 00
Pleasant street sewer	15 75				15 75
First avenue sewer, Division to Lafayette streets	15 61				15 61
Rose street improvement	49 07	18 06	17 41		49 73

South Ionia street alley improvement	16 00	3 61	3 61	16 00	3 61
Doezema alley improvement.....	1 05			1 05	16 00
Eleventh street improvement.....	3 00			3 00	1 05
Finney street improvement.....	280 00			280 00	3 00
South Division street improvement, East Fulton to Fifth avenue	125 74			125 74	280 00
South Division street improvement, Hall to railroad.....	1 00			1 00	125 74
Waters street improvement.....	1 00			1 00	1 00
Shamrock place improvement.....	1 00			1 00	1 00
South Waterloo street improvement.....	7 40			7 40	7 40
Madison avenue levels.....		4 00		4 00	4 00
Jackson street improvement.....	39 28			39 28	39 28
Carrier street improvement, Plainfield avenue to North Union.....	1 00			1 00	1 00
Mechanic street sewer, Grand avenue to 300 feet west of East.	9 19			9 19	9 19
North Division street improvement, Moore to East Fulton streets.....	40 22			40 22	40 22
Dickinson avenue improvement.....	54 49	46 56		101 05	101 05
Lake avenue sewer, from Wealthy avenue.....	7 08			7 08	7 08
Salem avenue sewer.....	2 00	291 13	83 16	309 97	309 97
Gratteau street improvement.....	2 00			2 00	2 00
Euclid avenue alley opening.....	4 12			4 12	4 12
Shoemaker alley improvement.....	1 00			1 00	1 00
Fransman's court improvement.....	2 00			2 00	2 00
Garden street improvement.....	18 29	147 03		165 32	165 32
Marion street improvement, Butterworth avenue to Railroad.....	44 85	209 03		254 48	254 48
Lincoln Park avenue improvement.....	2 00			2 00	2 00

EXPENSES PAID FROM GENERAL FUND, ETC.—Continued.

NAME OF IMPROVEMENT	DR.		CR.		
	Balance Due Gen'l Fund April 19, 1900	Paid from Gen'l Fund April 19, 1901	Quit Claims and Redemptions	Transfers to Gen'l and Contingent Funds	Balance Due General Fund
Crawford street improvement.....	\$ 56 07	\$ 26 62	\$ 2 12		\$ 80 57
Fitz avenue improvement.....	1 00				1 00
New street improvement.....	3 00				3 00
Fifth avenue improvement, Kalamazoo to Neland.....		91 69			91 69
High avenue improvement.....	4 00				4 00
Coldbrook street improvement, Canal to Taylor.....	304 53				304 53
Winter street improvement.....	5 00				5 00
Wealthy avenue improvement, Division to Grandville avenue.....	2 00				2 00
Gold street alley improvement.....	3 00				3 00
Hilton street sewer.....		227 91			227 91
Bissell street levels.....		2 00			2 00
Hemlock street sewer.....	11 00				11 00
West Side Ditch.....	21 00				21 00
Brainerd, etc., sewer system.....	1 00				1 00
Broadway street improvement, Railroad to Alpine avenue.....	8 00				8 00
Laurel street improvement.....		85 07			85 07
Baxter street improvement, South East to South Fuller.....	56 44	62 18	58 31		60 31

Silver Creek sewer	50 00			50 00
Buchanan street improvement, Hall to Burton		66 45		66 45
Alley between Bridge and Bowery	1 00			1 00
Center street improvement, Sweet to Dean		117 87		117 87
Straight street improvement, West Bridge to Butterworth avenue	10 00			10 00
Canal street improvement, Bridge to Newberry		200 58		200 58
California street improvement	5 00			5 00
Brown avenue improvement, South Division to Buchanan		90 07		90 07
West Division street improvement, West Bridge to West Fulton	5 00			5 00
Fountain street improvement, North Division to North Lafayette	5 00			5 00
Barclay street improvement, East Fulton to Fountain streets	3 00			3 00
West Fulton street sewer, Straight to Gold	1 00			1 00
Wealthy avenue sewer, Division to Cass avenue	3 00			3 00
Goodrich street improvement, South Division to Jefferson avenue	55 11			55 11
Oakland avenue sewer system	6 00			6 00
Goodrich street improvement, Finney to Waterloo	1 00			1 00
Alpine avenue improvement	8 00			8 00
East Bridge street alley improvement, Lafayette to Prospect	1 00			1 00
Jefferson avenue improvement	206 46	134 99		341 45
Madison street alley improvement	3 00			3 00
Fitzhugh street improvement	44 86	30 57		75 43
Hemlock street sewer	3 00			3 00
Lake avenue improvement, South Fuller street to Wealthy avenue	602 92	336 06	80 90	858 71
South Diamond street sewer, Buckeye to Wealthy	3 27			3 27

EXPENSES PAID FROM GENERAL FUND, ETC.—Continued.

NAME OF IMPROVEMENT	DR.		CR.		
	Balance Due Gen'l Fund April 19, 1900	Paid From Gen'l Fund April 10, 1901	Quit Claims and Redemptions	Transfers to Gen'l and Contingent Fund	Balance Due General Fund
Valley avenue improvement, West Bridge to Fourth streets.....	\$ 58 75	\$ 13 23	\$ 25 07	.....	\$ 46 91
Valley avenue improvement, Fulton to Butterworth.....	8 00	.....	.....	.....	8 00
Kalamazoo avenue improvement, Boston to Benton.....	734 38	585 34	19 71	.....	1,300 01
Madison avenue improvement, Cherry to Fifth avenue.....	285 97	43 27	84 82	.....	244 42
South Waterloo street improvement, Fulton to Wealthy avenue.....	156 22	73 88	68 40	.....	161 70
West Bridge street improvement.....	11 00	.....	.....	.....	11 00
Tenth street improvement.....	62 91	3 00	.....	.....	65 91
Kalamazoo avenue improvement, Fifth to Boston.....	2,374 58	1,464 67	184 74	.....	3,554 51
Third street improvement, North Front to Stocking street.....	4 00	.....	.....	.....	4 00
Logan and Charles street sewer.....	20 36	62 73	.....	62 36	20 72
Oakes street improvement, Ellsworth to South Waterloo street.....	97 49	.....	51 99	.....	45 50
Lyon street improvement, Canal to Division streets.....	359 93	.....	.....	.....	359 93
Jefferson avenue improvement, Cherry to Wealthy.....	41 91	.....	.....	.....	41 91
Plainfield avenue improvement, railroad to Quimby street.....	229 70	55 90	112 47	.....	173 13
Plainfield avenue improvement, railroad to Coldbrook.....	251 21	80 80	119 52	.....	212 50
Pearl street improvement, North Ionia to North Division streets.....	671 42	.....	.....	.....	671 42
Plainfield avenue improvement, Quimby to Knapp.....	1,275 62	1,462 41	1,071 07	.....	1,683 96

LaBelle avenue improvement, Division to Ionia streets.....	50 49	41 46	10 40	81 55
North Ionia street improvement, Pearl to Crescent.....	1,178 66	54 50		1,333 16
South Diamond street improvement, Wealthy to Baxter.....	131 06		80 52	50 54
Sheldon street improvement, East Fulton to First avenue.....	3 00			3 00
Livingston street alley improvement.....		1 00		1 00
Walbridge street improvement.....	37 00			37 00
North avenue alley improvement.....	4 00			4 00
Holland street improvement, Fulton to Fountain.....		22 45		22 45
North avenue improvement, Bridge to Trowbridge.....	3 00			3 00
Buchanan street improvement, Ninth avenue to Prescott street.....	3 00			3 00
Williams street improvement.....	1 00			1 00
Will street sewer.....	1 00			1 00
Lilley street improvement.....	1 00			1 00
East Fulton street improvement, Jefferson avenue to Union street.....	106 52	44 63		151 15
East Fulton street improvement, East to limits.....	9 90			9 90
East Fulton street improvement, Division to Commerce streets.....	36 15			36 15
South Division street improvement, Burton avenue to Railroad.....	143 81		7 09	199 90
Cedar street sewer, Clancy to North College avenue.....		63 18		96 38
Bates street improvement, South East to South Fuller streets.....	425 19	68 65	17 78	476 06
Bates street sewer, South Union to East streets.....		1 00		1 00
Clancy street improvement, South Ionia to South Ottawa streets.....		8 45		8 45
South Prospect street improvement, East Fulton to Washington.....	37 25			37 25
North Prospect street improvement, East Fulton to Fountain.....	53 93			53 93
East Bridge street improvement, Canal to Ottawa.....	55 70			56 70

EXPENSES PAID FROM GENERAL FUND, ETC.—Continued.

NAME OF IMPROVEMENT	DR.		CR.		
	Balance Due Gen'l Fund April 19, 1900	Paid From Gen'l Fund to April 19, 1901	Quit Claims and Redemptions	Transfers to Gen'l and Contingent Funds	Balance Due General Fund
East Bridge street improvement, Barclay to North Lafayette street.	\$ 40 18	\$	\$	\$	\$ 40 18
Helen avenue improvement.....	49 44	.....	.....	.....	49 44
Sewer in block 6, Coit & Co.'s addition	84	1 75	.....	.....	2 59
Broadway street improvement, West Bridge to Seventh streets.....	2 00	.....	.....	.....	2 00
North Front street sewer, Eleventh to West Leonard.....	15 22	70 57	.....	64 05	21 74
Robinson avenue and School street sewer	82 46	.....	.....	.....	82 46
South Union street alley improvement.....	1 00	.....	.....	.....	1 00
South Union street improvement, Cherry to Wealthy.....	4 00	.....	.....	.....	4 00
Home avenue improvement, Division to Ionia streets.....	38 78	.....	.....	.....	38 78
Home avenue improvement, Division to Jefferson avenue.....	61 47	75	.....	.....	62 22
Ferry street improvement	7 16	.....	.....	.....	7 16
Lock street and Canal street alley sewer.....	3 00	.....	.....	.....	3 00
Cherry street improvement, South Division to South Ionia streets.....	13 61	7 45	.....	.....	21 06
Paris avenue improvement, Cherry to Wealthy.....	60 18	1 25	.....	.....	61 43
Watson street improvement, Lane to John Ball park	180 06	39 62	12 87	.....	207 41
South Front street improvement, Shawmut to Wealthy avenues.....	7 00	.....	.....	.....	7 00
South Front street improvement, Bridge to Allen.....	2 00	80 90	.....	.....	32 90

Cherry street alley improvement.....	2 00						2 00
Cherry street improvement, South Ottawa to Ionia streets	21 61						21 61
Allen's Court improvement	1 00						1 00
Cherry street improvement, Ellsworth avenue to South Ottawa.....	82 82	21 20					84 11
Canal street improvement, Coldbrook to Leonard streets.....	1,802 67						1,802 67
Courtney street sewer, Alpine avenue 700 feet west.....	24 73						24 73
Campau street paving, Lyon to Pearl	49 65						49 65
Mechanic street improvement, Union to East	45 10	1 25					46 35
Ottawa street improvement, Fairbanks to East Bridge.....	147 34	28 05	84 95				90 44
Ottawa street improvement, Coldbrook to Fairbanks.....	82 48	89 07	86 82				84 73
Euclid avenue improvement, Hall to Home.....	49 85	75	4 25				46 35
Godfrey avenue opening	93 90						93 90
North Diamond street sewer system	14 50		3 00				11 50
Crescent avenue paving, Bostwick to Union	112 88	236 03					408 91
Crescent avenue and Bostwick street improvement	62 07	3 41					65 48
Lyon street improvement, North Union to North East	53 50						53 50
Lyon street improvement, North Union to Houseman.....	153 62	238 50	114 54				297 58
Courtney street levels, Alpine to Frederick street.....	4 00						4 00
Sibley street opening	90 34						90 34
Sibley street improvement, Garfield to Valley avenue.....	13 77	282 30	8 35				297 72
Campau street improvement, Louis to East Fulton		1,053 00				718 75	334 25
Spencer avenue (Madison street) improvement.....	86 42	51 19	21 53				119 08
Colt avenue improvement, East Bridge to Fairbanks.....	85 74	64 25	63 30				86 79
North Prospect street alley improvement.....	3 00	2 00					5 00

EXPENSES PAID FROM GENERAL FUND, ETC.—Continued.

NAME OF IMPROVEMENT	DR.		CR.		
	Balance Due Gen'l Fund April 19, 1910	Paid From Gen'l Fund April 19, 1900	Quit Claims and Redemptions	Transfers to Gen'l and Con- tingent Funds	Balance Due General Fund
Godfrey avenue improvement, Railroad to 827 feet south of Fifth ave.		\$ 7 00			\$ 7 00
Dennis street improvement, Fulton to Hermitage.....	\$ 87 42	75	\$ 51 06		87 11
Godfrey avenue sewer, Market to Hall	40 49	248 10			288 59
Worden street improvement, Madison avenue to Union street.....	225 00				225 00
Worden street improvement, Madison to South Ionia street.....	5 25				5 25
Grove street improvement	3 00				3 00
Godfrey avenue improvement, Railroad to Market.....	23 38	71 10	53 50		40 98
Page street improvement, North to Plainfield avenue.....	4 00				4 00
Ottawa street sewer.....	3 25				8 25
Woodmere Court improvement, Wealthy avenue north	2 00	84 49			86 49
Grand avenue and Lyon street sewer.....	166 10		69 41		96 69
North Ionia street alley improvement.....		3 00			3 00
Dewey street improvement.....	8 00				8 00
Clancy street alley improvement.....	1 00				1 00
North avenue improvement, Leonard to Cedar streets	4 00				4 00
Prince street improvement, Madison to Union.....	82 81	27 73			110 54
Robinson avenue improvement, Lake avenue to east limits.....	64 00	119 08	117 23		66 76

Diamond street sewer, Cherry to Buckeye	5 00	63 07			63 07
College avenue improvement, Fifth avenue to Prince	229 08	3 75	18 73		5 00
Jefferson avenue improvement, Hall to Burton	79 95	14 82	19 57		214 10
Caulfield avenue improvement	44 65	65			81 80
Barth street improvement, Wealthy avenue to Logan	2 00				45 30
Lamont Court improvement	62 08	10 00			2 00
Steele avenue improvement, Hall to Stevens	26 35	1 25			72 02
Luton Court improvement	49 80	1 06			37 60
East Grove street improvement, Diamond to Fuller	58 18	79 53	41 31		50 85
North Union street improvement, East Bridge to Railroad	150 10	25 14			96 34
Highland avenue improvement, Central avenue to South Division	40				175 24
Sweet street sewer	3 00				40
La Belle avenue improvement, Division to Jefferson	102 61				3 00
Ottawa street improvement, Lyon to Bridge	59 20				102 61
Ottawa street sewer, Lyon to Bridge					59 20
Totals	\$ 45,741 89	\$ 12,270 54	\$ 3,956 66	\$ 1,116 31	\$ 52,945 46
Expenses paid from General Fund					\$ 58,018 43
Amount paid to General Fund from Improvements					5,072 97
Balance due General Fund					\$ 52,945 46

DAILY STATEMENT OF THE CITY OF GRAND RAPIDS

Taken from Daily Statement Ledger, April 19, 1901.

RESOURCES.

INVENTORY—Common Council.....	\$ 882,789 14	
Board of Poor Commissioners.....	218 11	
Board of Health.....	27,800 00	
Board of Education.....	1,253,400 00	
Board of Police and Fire Commissioners ..	292,489 76	
Board of Public Works	1,491,500 00	
Board of Cemetery Commissioners	266,899 31	
	<hr/>	\$ 4,205,096 32

**TAXES, ASSESSMENTS AND ITEMS FOR COLLECTION
IN THE VARIOUS DEPARTMENTS.**

TREASURER—City, Highway, School, State, County and Personal.....	\$ 6,702 96	
Improvements	250,400 41	
Subject to redemption, 1900, City and Highway.....	3,962 51	
	<hr/>	\$ 261,065 90
CLERK—Sidewalk and nuisance rolls.....	\$ 548 96	
Improvements	3,226 54	
Subject to redemption ..	7,922 60	
Unsold land	6,410 16	
	<hr/>	\$ 18,108 26
COMPTROLLER—Quit Claims.....	\$ 53,356 77	
	<hr/>	\$ 53,356 77
MARSHAL—Sidewalk and nuisance rolls and water services..	\$ 339 85	
	<hr/>	\$ 339 85
BOARD OF PUBLIC WORKS—Water rates.....	\$ 33,753 51	
	<hr/>	\$ 33,753 51
COUNTY TREASURER—Returned 1899 school tax	\$ 7,024 27	
Returned 1900 school tax	12,059 67	
	<hr/>	\$ 19,083 94
KENT COUNTY SAVINGS BANK—Loan from sinking fund.....	\$ 100,000 00	

MISCELLANEOUS.

OVERDRAFTS—Water works	\$ 2,629 05	
	<hr/>	\$ 2,629 05
TIME ORDERS—Improvements (secondary ledger).....	\$ 10,531 40	
Road roller	1,037 81	
	<hr/>	\$ 11,569 21

CASH STATEMENT.

BALANCES—City depository	\$ 370,801 58	
	<hr/>	\$ 370,801 58
City treasury.....	\$ 1,017 68	
	<hr/>	\$ 1,017 68
CASH ON HAND—Board of Public Works.....	\$ 82 10	
Police Court.....	50 00	
Justice Court	5 00	
City Treasurer	1,673 36	
	<hr/>	\$ 1,810 43
Total.....		\$ 5,064,232 52

LIABILITIES.

Resources in excess of liabilities.....		\$ 2,164,006 32
Taxes, assessments, water rates and other items for collection		391,308 93
BONDS—Water works....	\$ 855,000 00	
City Hall.....	150,000 00	
Special	150,000 00	
Market	75,000 00	
School	255,000 00	
Street improvements	430,000 00	
Electric light	125,000 00	
		\$ 2,041,000 00

**BALANCES OF VARIOUS FUNDS ON DEPOSIT WITH
CITY TREASURER.**

CEMETERIES—Valley City	\$ 4,793 17	
Greenwood	237 03	
		\$ 4,960 20
BOARD OF PUBLIC WORKS—Water works income.	\$ 1,116 50	
		\$ 1,116 50
PARKS—John Ball	\$ 664 26	
Lincoln	104 29	
Antoine Campau	690 68	
Park	331 66	
John Ball extension.....	545 78	
		\$ 2,336 67
COURTS—Police	\$ 1,489 51	
Justice ..	1,481 20	
Superior	904 43	
		\$ 3,868 14
ELECTRIC LIGHTING—Public.....	\$ 2,832 60	
Construction	1,127 11	
		\$ 3,959 71
BRIDGE—Bridge.....	\$ 2,550 92	
Bridge street canal bridge	18,129 26	
		\$ 20,680 88
SEWER DISTRICT—First.....	\$ 283 79	
Second	95 96	
Third	355 44	
		\$ 734 79

HIGHWAYS—First	\$	495 80	
Second		299 60	
Third		398 11	
Fourth		1,955 00	
Fifth		998 83	
Sixth		331 04	
Seventh		85 75	
Eighth		236 90	
Ninth		716 25	
Tenth		375 77	
Eleventh		412 72	
Twelfth		462 61	
	\$		6,768 38
INTEREST—City Hall	\$	3,750 00	
Special bonds		3,010 50	
Market		1,503 50	
Electric light		2,508 75	
	\$		10,772 75
General	\$	6,332 32	
Contingent		344 80	
Fire		21,958 33	
Police		22,718 96	
Poor		603 37	
Engine House No. 11		8,000 00	
Police and fire pension		183 02	
Market		8,449 60	
Greenhouse		263 27	
Library		163 00	
Road roller		16 39	
Sinking fund		151,175 73	
Special improvement		144,193 09	
Board of Health		1,777 88	
Redemptions on deposit		152 07	
Improvements (secondary ledger)		2,056 32	
Time orders		11,569 21	
Seventh issue improvement bonds		11,202 90	
Eighth issue improvement bonds		10,632 77	
Contracts payable eighth issue improvement bonds		29,583 50	
Board of education		236 24	
	\$		486,810 29
Outstanding orders			1,017 68
Total	\$		5,084,232 52

Inventory Realty, Owned by the City of Grand Rapids.

DESCRIPTION	APPROXIMATE VALUE
City Hall	\$ 300,000 00
Police Headquarters	66,000 00
Second Avenue School	35,000 00
South Division Street School ..	75,000 00
South Ionia Street School	10,000 00
Central Avenue School	23,000 00
Madison Avenue School	38,000 00
Wealthy Avenue School	52,000 00
Henry Street School	22,000 00
Fountain Street School	40,000 00
Central School	81,000 00
Central School Annex (High School)	126,000 00
Central School, second annex	1,400 00
North Division Street School (East Bridge)	50,000 00
North Ionia Street School	36,000 00
East Bridge Street School	35,000 00
Coit Avenue School	10,000 00
East Leonard Street School	21,000 00
Plainfield Avenue School	29,000 00
Training School (Jefferson Street)	35,000 00
Straight Street School	24,000 00
Union School	90,000 00
Turner Street School	28,000 00
West Leonard Street School ..	22,000 00
Pine Street School	23,000 00
Baxter Street School	18,000 00
Congress Street School	20,000 00
Diamond Street School	20,000 00
Hall Street School	28,000 00
Jefferson Avenue School	29,000 00
Lake Avenue School	5,000 00
Oakdale Avenue School	7,000 00
Palmer Avenue School	22,000 00
Widdicomb Street School	21,000 00
Buchanan Street School	17,000 00
Sibley Street School	21,000 00
Walker School	2,000 00
Seventh Street School	20,000 00
Engine House No. 1	5,000 00
Engine House No. 2	9,252 08
Engine House No. 3	13,000 00
Engine House No. 4	17,500 00
Engine House No. 5	10,385 15
Engine House No. 6	7,781 05

Engine House No. 7.....	\$ 8,776 00
Engine House No. 8.....	8,176 00
Engine House No. 9.....	8,750 00
Engine House No. 10.....	8,800 00
Lot Engine House No. 11.....	1,500 00
Hospital.....	12 000 00
Oak Hill Cemetery.....	100,000 00
Valley City Cemetery.....	75,000 00
Greenwood Cemetery.....	20,000 00
Lincoln Park.....	30 000 00
John Ball Park.....	125,000 00
Highland Park.....	12,000 00
Fulton Street Park.....	75,000 00
Crescent Park.....	15,000 00
State Street Park.....	10,000 00
Foster Park.....	2 000 00
Antoine Campau Park.....	40,000 00
Monument Park.....	15,000 00
Ellsworth Park.....	2,000 00
East Bridge Street Park.....	5,000 00
Lookout Park.....	5,000 00
Pearl Park.....	1,000 00
Hosken Park.....	1,000 00
Settling Basin.....	15,000 00
Reservoir.....	20,000 00
Standpipe Lot.....	500 00
Gravel Pits.....	2,900 00
Pumping Station.....	30,000 00
Leonard Street Bridge.....	5,280 00
Fulton Street Bridge.....	28 600 00
Pearl Street Bridge.....	23,300 00
Bridge Street Bridge.....	24,780 00
Sixth Street Bridge.....	19,600 00
Pearl Street Canal Bridge.....	5,770 00
Bridge Street Canal Bridge.....	7,070 00
Clancy Street Bridge.....	1,320 00
Broadway Street Bridge.....	1,220 00
Market Site and Buildings.....	85,000 00
Garbage Burner.....	15,000 00
Electric Light Plant.....	192,041 96

 \$2,680,711 84

Personal Property Owned by City of Grand Rapids.**FIRE DEPARTMENT.****INVENTORY OF APPARATUS, STOCK AND SUPPLIES.**

April 30, 1900.

House No. 1	\$ 7,656 98
House No. 2	6,435 96
House No. 3	13,834 00
House No. 4	12,500 00
House No. 5	7,385 82
House No. 6	8,851 51
House No. 7	7,500 00
House No. 8	9,460 72
House No. 9	2,352 08
House No. 10	6,400 00
One engine in reserve	1,000 00
One hook and ladder truck in reserve ..	300 00
Two hose wagons in reserve	200 00
Total.....	\$ 83,880 01
Inventory of fire alarm department.....	26,605 69
Grand Total	\$ 110,485 70

POLICE DEPARTMENT.**INVENTORY OF DEPARTMENT.**

April 30, 1899\$ 21,528 02

CITY HALL.**INVENTORY OF CONTENTS.**

Office furniture, fixtures, etc\$ 25,000 00

WATER WORKS.

Pumping station, machinery, etc	\$
Repair shop	
Pipes, mains, etc	
Standpipe, cost to date	
Total	\$1,241,000 00

BOARD OF EDUCATION.**INVENTORY OF CONTENTS OF BUILDINGS, SUPPLIES, MATERIAL, ETC.**

School seats	\$ 56,000 00
Personal property	67,600 00
Total.....	\$ 123,600 00

Inventory First Highway District.

GRAND RAPIDS, MICH., April 12, 1901.

Leo A. Caro, City Comptroller:

The following is an inventory of property belonging to the First Highway District:

One horse	\$ 75 00
One buggy.....	40 00
One cutter.....	15 00
Two blankets.....	3 00
One robe	1 00
One harness.....	5 00
One halter.....	50
One comb and brush.....	1 00
One oil cloth cover for horse.....	1 00
Five highway carts, \$18.....	90 00
Two highway carts' harnesses, \$15.....	30 00
Four small asphalt carts, \$10.....	40 00
One small asphalt cart, steel.....	12 00
Thirty bags for asphalt.....	9 00
Four badges for men on asphalt, 50 cents.....	2 00
Six white suits for men on asphalt, \$2.....	12 00
Six white helmets for men on asphalt.....	2 00
Two new snow plows, \$15.....	30 00
Fifteen old snow plows, \$8.....	120 00
Ten picks and handles.....	6 00
Twenty large scrapers for streets.....	12 00
Seven small hoes.....	3 50
Six files.....	1 80
Six brooms for asphalt streets.....	1 50
Ten brooms for block streets.....	3 00
Ten snow shovels.....	5 00
One asphalt shovel.....	2 00
Six scoop shovels, 75 cents.....	4 50
One branding iron.....	2 50
Two paving hammers.....	3 00
Two paving pounders.....	1 00
Two wheel barrows.....	2 00
Two iron bars.....	1 00
Four small shovels.....	2 00
Six scythes and snaths, \$1.....	6 00
Five asphalt scrapers and handles.....	2 50
One plow.....	2 00

One road slusher.....	\$ 6 00
One cross cut saw.....	1 50
One hand saw.....	75
One hammer.....	50
One stove.....	3 00
One ladder.....	50
Two gravel screens.....	8 00
One adz.....	1 00
One axe.....	50
One street sweeper—new.....	300 00
One street sweeper—old.....	50 00
One sprinkling wagon.....	50 00
One tool house.....	150 00
Lot of curb stone.....	50 00
Lot of iron aprons.....	50 00

\$ 1,214 85

HENRY J. BROUWER,
Highway Commissioner First District.

Inventory First Sewer District.

GRAND RAPIDS, MICH., April 12, 1901.

Leo A. Caro, City Comptroller:

The following is an inventory of property belonging to the First Sewer District:

1 cart for cleaning catch basins	\$ 30 00
1 harness	15 00
250 feet of hose, large, 40c ..	100 00
100 feet of hose, small, 30c	30 00
1 hose cart	10 00
1 pump for sewers	3 00
1 reel for catch basins	2 00
2 pails for catch basins	2 00
1 hydrant head	10 00
1 hydrant wrench	1 00
1 pair long boots	3 00
3 pair short boots	9 00
500 feet rope	25 00
6 clothes lines	60
1 trowel	75
4 lanterns	2 00
Lot of plank and braces for sewers	30 00
Lot of old iron	10 00
4 rollers for sewers	5 00
	<hr/>
	\$ 288 25

HENRY J. BROUWER,

First District Commissioner.

Inventory of Stone Crusher and Engine.

GRAND RAPIDS, MICH., April 12, 1901.

Leo A. Caro, City Comptroller:

The following is an inventory of Stone Crusher and Engine belonging to the City of Grand Rapids:

1 stone crusher and tools belonging to same	\$	900 00
1 engine.....		450 00
1 building to cover engine and crusher		100 00

HENRY J. BROUWER,
First District Highway Commissioner.

Inventory of Gravel Pits.

GRAND RAPIDS, MICH., April 12, 1901.

Leo A. Caro, City Comptroller:

The following is an inventory of gravel pits belonging to the city of Grand Rapids:

Gravel pit on south side of Hall street, between Hilton street and Grandville avenue	\$	2,500 00
Gravel pit belonging to Eleventh ward on Evergreen avenue, west of Kalamazoo avenue		200 00
Gravel pit belonging to Tenth ward on Evergreen avenue, west of Kalamazoo avenue		200 00

HENRY J. BROUWER,
Highway Commissioner First District.

Inventory Second Highway District.

GRAND RAPIDS, MICH., April 20, 1901.

Leo A. Caro, City Comptroller:

The following is the inventory of the city property, this date in my charge, used in Second Highway District:

1 horse	75 00
1 buggy	40 00
1 cutter	10 00
1 robe	6 00
2 blankets, 50 cents and \$3	3 50
1 oil cloth cover	1 00
1 halter	50
1 harness	5 00
1 sleigh bells	1 00
1 dump wagon	30 00
1 plow	4 00
1 road scraper	2 00
13 snow plows	115 00
1 hose cart	15 00
5 street scrapers	5 00
300 feet hose	130 00
1 hydrant head	10 00
30 hoes	13 00
4 8-tine forks	4 00
1 6 tine fork	50
10 grub hoes	5 00
10 picks	4 00
4 brush hooks	5 00
2 cross cut saws	3 00
¼ dozen brooms	1 50
2 steel brooms	90
5 lanterns	2 35
7 rakes	3 00
1 hand saw	1 00
1 adze	50
3 pair rubber boots	8 00
1 comb and brush	50
2 wheel barrows	2 00
8 heavy pails	3 00
2 iron bars	1 25

1 iron pounder.....	1 00
2 trowels.....	1 00
1 level.....	50
1 square.....	50
1 chopping axe.....	50
2 paving hammers.....	2 00
1 hand axe.....	75
2 wood pounders.....	4 00
10 scoops.....	5 50
4 shovels.....	2 00
1 sweeper.....	325 00
	<hr/>
	854 25

Respectfully submitted,
JAMES SHERLOCK,
Highway Commissioner Second District.

Inventory Third Highway District.

Leo A. Caro, City Comptroller:

The following is an inventory of property in my charge belonging to the Third Highway District on April 24, 1901:

1 horse	\$ 100 00
1 buggy	10 00
1 cutter	15 00
1 harness	5 00
1 street sweeper	300 00
1 broom machine	15 00
12 snow plows	60 00
56 street hoes	44 00
1 long handled shovel	75
8 street scrapers	8 00
3 rakes	2 25
2 crosscut saws	2 00
1 buck saw	1 00
4 hand carts	60 00
4 iron wheelbarrows	12 00
3 street carts	30 00
10 shovels	5 00
3 rubber scrapers	1 50
2 stoves and pipes	5 00
2 pounders	1 50
2 scythes	2 00
1 wagon	5 00
1 horse blanket	5 00
1 robe	50
1 tool stand	75
1 sprinkling wagon	50 00
11 handles	1 00
4 grub hoes	1 00
5 scraper blades	1 00
1 adze	75
20 lbs. nails	75
200 feet curb stone	25 00
1 plow	5 00
1 bale fiber	6 00
1 hand axe	1 00
2 old sweeper wheels	1 00

\$ 783 75

PETER MCINTOSH,
Commissioner.

Inventory Third Sewer District.

Leo A. Caro, City Comptroller:

The following is an inventory of property in my charge belonging to the Third Sewer District on April 24, 1901:

1 harness.....	\$ 15 00
300 feet hose	150 00
50 feet small hose.....	50 00
New rope	18 00
Old rope.....	25 00
2 pairs rubber boots.....	8 00
1 level	50
1 line.....	50
1 measuring pole	50
5 pails	1 00
1 crow bar.....	75
6 lanterns.....	1 50
1 oil can.....	50
1 trowel	50
4 picks	1 50
2 sledge hammers	2 50
1000 feet lumber	18 00
	<hr/>
	\$ 293 75

PETER MCINTOSH,
Commissioner.

Inventory City Marshal.

GRAND RAPIDS, MICH., April 13, 1901.

Leo A. Caro, City Comptroller:

Below is the inventory of lumber and supplies on hand in the Marshal's office:

LUMBER	PIECES	FEET
100 pieces.....	2x 6x 6	600
100 pieces.....	2x 8x 6	800
100 pieces.....	2x10x 6	1,000
15 pieces.....	4x 4x16	315
25 pieces.....	2x 6x16	400
25 pieces.....	2x 8x16	533
25 pieces.....	2x10x16	667
12 pieces.....	4x 4x12	176
Total 4,491 feet at \$15 per M.....		\$ 52 37
5,000 lineal feet strips at 30 cents per M.....		15 00

TOOLS AND NAILS.

2 hand carts at \$13	\$	26 00
1 tool box		1 00
1 crow bar 75 cents and 1 padlock 65 cents		1 40
1 shovel.....		75
1 steel snow pick 50 cents and 1 wire stretcher 75 cents		1 25
203 booths at \$5	1,015	00
215 lamps at 35 cents		75 25
Gates and railings		90 00
80 tables at \$1.20.....		96 00
25 tables at \$1.35.....		33 75
1 keg of 20d spikes, \$2.85, and 1 keg 6d nails at \$3.10.....		5 95
1 hand saw, \$1.50, and 2 hammers at 65 cents each		2 80
1 oil can and funnel, 60 cents, and 2 hand axes at 85 cents each ...		2 30
1 adze and handle, \$1; 2 picks and handles at 75 cents each		2 50
	\$	1,421 32

THOMAS J. GLEASON,

City Marshal.

Inventory of Material on hand in Greenwood Cemetery.

GRAND RAPIDS, MICH., April 15, 1901.

Leo A. Caro, City Comptroller:

The following is an inventory of everything on hand up to date in Greenwood Cemetery:

150 feet 3-inch pipe.....	\$ 15 00
100 feet 2½ inch pipe	10 00
100 cedar posts, 10c each	15 00
100 wooden stakes.....	1 00
38 standing sprinklers.....	30 00
4 lawn mowers	15 00
7 garden rakes.....	1 75
6 lawn rakes.....	1 20
2 scythes and snaths	1 00
1 post auger	75
4 shovels	1 00
4 pair pipe tongs	6 00
2 pair box tongs	1 00
7 chairs	3 00
1 clock	3 00
1 hand saw	25
1 one-man saw.....	1 00
2 stoves.....	6 00
1 ink stand.....	25
4 set grave straps	6 00
2 wheelbarrows.....	1 00
2 canvass	6 00
2000 feet ½ inch rubber hose	150 00
1 stone step	2 00
2 crow bars	2 00
1 grind stone.....	1 00
2 wheel scrapers.....	25 00
1 iron safe and books.....	50 00
6 set grave planks.....	6 00
2 refuse baskets.....	50
1 snow scraper	2 00
2 sod cutters.....	1 00
1 spade	25
3 snow shovels.....	1 20
300 Terra Cotta lot markers.....	30 00
1 hall settee.....	10 00
2 office chairs	5 00
1 office stool	75
1 lowering device.....	75 00
6 lanterns	1 50

\$ 472 90

ROBERT LAMPSON,
Superintendent.

Valley City and Oak Hill Cemeteries.

GRAND RAPIDS, MICH., April 19, 1901.

Leo A. Caro, City Comptroller:

The following is an inventory of all property in Valley City and Oak Hill Cemeteries in my charge on the above date:

178 new corner stakes at 5 cents.....	\$	8 90
Pipe fittings, miscellaneous		2 00
1 stock and die		12 00
5,400 feet of hose at 8 cents		432 00
1 stock and die		5 00
1 pipe cutter.....		1 00
2 pair pipe tongs at \$1.50		3 00
1 pipe vice		2 00
2 oil cans at 10 cents		20
2 wheelbarrows		7 50
1 step ladder.....		1 25
6 sets of straps		5 00
4 shovels.....		3 00
1 scuffle hoe		1 20
3 wire tooth rakes at 20 cents		60
2 steel edges at 50 cents.....		1 00
1 chisel		25
1 spirit level.....		60
1 rimmer		50
2 taps of pipe.....		1 75
1 screw drill		15
1 box tool chest		50
1 sod shovel		75
6 lawn mowers at \$8.....		48 00
1 pick axe		75
1 grub hoe		1 00
5 gallon oil tank.....		50
2 screw drivers at 15 cents		30
1 coffin hook.....		1 00
3 lamps		8 00
1 lamp		3 50
6 mole traps.....		5 00
1 brush.....		10
2 pails		1 00
1 basin.....		15
1 lawn roller.....		11 00
1 tent		24 00
Chain and parts		6 00
Side curtain for tent		3 00

4 hoes.....	\$ 1 90
1 weed cutter.....	30
2 rakes at 15 cents.....	30
2 old lawn mowers.....	4 00
1 snow shovel.....	30
1 sythe and snath.....	50
Stone.....	4 00
Oil cloth.....	5 00
6 casket holders at 25 cents.....	1 50
Trimming shears.....	40
2 water keys.....	2 00
Stand pipe sprinklers.....	60 00
Rubber duck.....	41 00
2 grind stones.....	6 01
1 lantern.....	1 00
1 plane.....	50
Washer cutter.....	30
Tile brush.....	1 00
2 mirrors.....	4 80
1 flat top desk.....	10 00
3 camp chairs.....	1 50
1 rocker.....	2 00
1 arm chair.....	75
1 ash table.....	2 00
1 old mirror.....	1 00
1 roll top desk.....	18 50
3 chairs.....	15 50
3 benches.....	26 00
1 tank stand.....	5 00
2 crow bars.....	2 00
2 axes.....	1 00
2 large pipe tongs at \$3.....	6 00
1 chain tong.....	1 50
3 sets of canvas.....	20 00
1 pipe and wrench.....	1 00
1 breast drill.....	4 00
1 set drills.....	2 00
1 brace.....	1 00
1 trowel.....	50
1 square.....	1 00
2 monkey wrenches.....	60
1 saw.....	25
1 draw shave.....	50
1 letter press.....	12 00
1 water cooler.....	4 50
1 waste basket.....	15
1 lowering device.....	75 00
1 clock.....	3 50
1 cabinet file.....	6 50

 \$ 962 80

EUGENE V. GOEBEL,

Superintendent.

Inventory of Tools in City Parks.

GRAND RAPIDS, MICH., April 18, 1901.

Leo A. Caro, City Comptroller:

The following is the inventory of tools in my charge as Superintendent of City Parks:

East Side Parks.

Covers for Fulton Park Fountain.....	20 00
Covers for Monument Park Fountain.....	8 00
Covers for Crescent Park Fountain.....	16 00
Covers for Crescent Park Steps.....	10 00
1 extension ladder.....	3 00
4 sod cutters.....	1 00
4 snow shovels.....	1 75
4 wheelbarrows.....	3 00
124 seats.....	300 00
2 monkey wrenches.....	1 25
2 screw drivers.....	50
2 grind stones.....	3 50
1 hand saw.....	1 00
1 pail.....	50
2 sickles.....	50
1 hammer.....	25
1 hand axe.....	75
2 picks.....	50
2 hoes.....	40
3 sheep shears.....	75
1 pruning shears.....	75
2 grub axes.....	50
1 grass basket.....	40
1 spade.....	35
4 shovels.....	2 00
4 brooms.....	1 00
2 ice scrapers.....	50
2 oil cans.....	50
1 water can.....	75
1 hose wagon.....	1 00
2 rakes for leaves.....	75
6 lawn mowers.....	48 00
6 grass rakes.....	1 75
9 iron rakes.....	3 00

8 rustic vases.....	25 00
6 locks.....	1 25
550 feet of 1½ inch hose.....	125 00
6 water keys.....	4 00
	<hr/>
	\$ 489 15

Respectfully submitted,
WENCEL L. CUKERSKI,
 Superintendent City Parks.

John Ball Park.

1 sprinkling wagon.....	75 00
1 flower wagon.....	50 00
1 lumber wagon.....	25 00
1 manure box.....	10 00
1 snow plow.....	5 00
1 plow.....	4 00
4 scrapers.....	4 00
9 wheelbarrows.....	8 00
1 grain box.....	2 50
1 ice box.....	5 00
2 park stamps.....	2 00
1 lawn roller.....	8 00
1 gutter pounder.....	50
3 sod spades.....	1 50
4 sod cutters.....	50
1 paving hammer.....	30
21 shovels.....	10 00
16 grub axes.....	8 00
8 picks with handles.....	4 00
8 hoes.....	1 50
Chain.....	2 00
4 forks.....	2 00
12 brooms.....	4 50
2 leaf baskets.....	50
100 feet wire cable.....	5 00
Pulleys and rope.....	6 00
21 sash.....	21 00
3 oil cans.....	75
1 auger.....	50
4 hand saws.....	4 00
4 axes.....	2 00
1 broad axe.....	75
2 saw clamps.....	1 00
1 level.....	1 00
2 crow bars.....	2 50
2 spades.....	50
15 rakes.....	6 00

1 boat	2 00
4 steel traps	1 00
1 pair rubber boots	1 00
1 post hole digger	75
1 iron smoke stack	3 00
25 signs	10 00
5 hose nozzles	3 00
5 mole traps	2 00
2 sheep shears	50
2 water keys	2 00
1 sand screen	1 00
1 pruning shears	1 00
2 sledge hammers	2 00
2 cross-cut saws	3 00
2 force pumps	5 00
2 wheelbarrows for hose	2 00
20 tables	40 00
300 seats	450 00
12 chairs	6 00
1 carpenter bench	2 00
3 lamps	1 00
1 grass shears	75
1 chisel	50
1 paving hammer	50
4 paint brushes	75
1 shot gun	8 00
1 wire shears	50
1 pilers	25
1 hammer	10
2 monkey wrenches	4 00
1 pipe wrench	2 00
2 tree trimmers	2 00
2 ladders	9 00
13 bicycle racks	20 00
1 hand axe	75
2 scythes and snath	1 00
4 lawn mowers	35 00
350 feet of 1½-inch hose	70 00
1 sickle	50
2 grind stones	2 00
1 stove	2 00
½ B disinfectant	1 00
5 iron bird cages	45 00
2 palls	1 00
3 wooden bird cages	30 00
1 flower tub	2 00
30 feet of 4-inch pipe	15 00
1 fountain sprinkler	5 00
1 office table	4 00
1 office desk	14 00
1 fountain basket	1 00
½ can boiler compound	2 00
1 gasoline can	2 00

1 kerosene can.....	\$ 2 00
2 iron wedges.....	1 00
1 elk's head.....	10 00
1 buggy and harness.....	50 00
1 horse	70 00
1 cutter	15 00
1 blanket.....	2 00
1 robe	5 00
1 rubber cover.....	1 00
1 stable blanket	75
Brick on hand	3 00
Curb stone on hand	2 00
Lumber on hand	4 00
Sewer pipe on hand	15 00
Total	\$ 1,273 40

Respectfully submitted,
WENCEL L. CUKERSKI,
Superintendent City Parks.

Lincoln Park.

600 feet of $\frac{3}{4}$ -inch hose.....	\$ 60 00
150 feet of $1\frac{1}{4}$ -inch hose.....	30 00
4 tables	6 00
10 sprinklers with pipe.....	12 00
2 sod cutters.....	50
2 hoes	50
2 shovels	1 00
2 weed diggers.....	75
3 rakes	1 25
1 lantern	30
3 lawn mowers.....	15 00
1 hand saw.....	1 00
1 oil can	25
2 mole traps	50
1 axe	1 00
39 seats	60 00
2 spades	1 25
1 nozzle	75
1 grind stone.....	1 25
6 bicycle racks.....	12 00
4 wheelbarrows.....	1 50
1 ladder	3 00
1 scythe	75
1 shears.....	25
1 broom	10
1 grass basket.....	50
1 water key	50
2 water keys, small.....	75

REPORT OF COMPTROLLER,

1 sickle.....	\$ 50
2 pails.....	50
1 fork.....	50
Fountain covers.....	2 50
1 basket.....	50
1 pump.....	4 00
1 pipe wrench.....	50
1 hand axe.....	50
1 pick.....	35
1 grub hoe.....	35
Total.....	\$ 222 85

Respectfully submitted,

WENCEL L. CUKERSKI,

Superintendent City Parks.

Inventory City Greenhouses.

45000 pots.....	
900 boxes.....	
3 water cans.....	
5 thermometers.....	
2 lamps.....	
3 lanterns.....	
Total.....	\$ 660 00
Ornamental plants.....	
Geraniums.....	
Palms in varieties.....	
Cannas in varieties.....	
Echeverias.....	
Caladiums.....	
Colens in varieties.....	
Begonias in varieties.....	
Foliage plants in varieties.....	
Summer plants in varieties.....	
Total.....	\$ 5,125 00
Value of greenhouse buildings.....	6,250 00
Total.....	\$ 12,065 00

Respectfully submitted,

WENCEL L. CUKERSKI,

Superintendent City Parks.

Board of Poor Commissioners.

GRAND RAPIDS, MICH., April 19, 1901.

Leo A. Caro, City Comptroller:

The following is the annual report of the supply store in the care of the Board of Poor Commissioners:

Stock on Hand April 18, 1900.

2,475 pounds of flour	\$	41 06
128 pounds of pork.....		8 38
18½ pounds of coffee.....		2 23
250 pounds sugar.....		12 79
227 pounds salt.....		84
240 bars soap.....		9 24
4½ gallons kerosene.....		28
778 boxes matches.....		7 14
8¾ gallons syrup.....		1 40
416 pounds rice.....		21 84
Total.....	\$	106 19

Stock Purchased for the Year Ending April 18, 1901.

40,000 pounds flour..	\$	725 50
720 pounds rolled oats		13 30
3,517 pounds beans		112 30
5,200 pounds meat /salt		413 00
1,302 pounds coffee		167 73
481 pounds tea		147 28
4,656 pounds sugar.....		269 06
2,800 pounds salt		11 80
2,640 bars soap.....		69 90
1,296 boxes matches.....		9 90
500 pounds barley.....		12 75
328½ gallons syrup		54 63
2,514 pounds rice		134 24
Paper and sacks.....		9 98
	\$	2,151 37
Less cash discount.....		6 07
	\$	2,145 30
Cost of merchandise on hand April 18, 1900.....	\$	105 19
Cost of merchandise purchased for year ending April 18, 1901.....		2,145 80
	\$	2,250 49

REPORT OF COMPTROLLER,

Merchandise on hand April 18, 1901.....	\$ 116 25
Net cost of supplies disbursed for the year ending April 18, 1901.....	\$ 2,134 24
Cost of paper sacks and paper on hand April 18, 1900.....	\$ 9 50
Cost of paper sacks and paper purchased for the year ending April 18, 1901....	9 98
	\$ 19 48
Paper sacks and paper on hand April 18, 1901.....	2 00
Net cost of paper sacks and paper used for the year ending April 18, 1901.....	\$ 17 48
Net cost of supplies disbursed for the year ending April 18, 1901.....	\$ 2,134 24
Net cost of paper sacks and paper for the year.....	17 48
Total cost of operating the store department for the year ending April 18, 1901..	\$ 2,151 72
Cash sales of barrels, tea lead, etc.....	\$ 7 63
Total number of orders filled at the supply store, 2,003.	

Supplies on Hand for the Year Ending April 18, 1901.

8637 pounds flour.....	\$ 71 40
346 pounds beans.....	10 88
59 pounds barley.....	1 15
8 pounds meat salt.....	64
5 pounds coffee.....	60
10 pounds tea.....	3 00
193 pounds sugar.....	6 40
238 pounds salt.....	1 60
37 bars soap.....	1 01
10 pounds of oat meal.....	20
377 boxes matches.....	2 90
5 gallons syrup.....	8 50
901 pounds rice.....	9 04
	\$ 116 25
Paper sacks and paper on hand.....	2 00

Amount of goods disbursed from April 18, 1900, to April 18, 1901: Flour, 33,637 pounds; beans, 3,271 pounds; barley, 441 pounds; meat, 5,320 pounds; coffee, 1,315½ pounds; tea, 471 pounds; sugar, 4,937 pounds; salt, 2,780 pounds; soap, 2,843 bars; oat meal, 710 pounds; matches, 1,697 boxes; syrup, 287½ gallons; rice, 2,750 pounds.

Salable Stock in Supply Store.

16 grain bags.....	\$ 1 60
11 pork barrels.....	2 75
26 sugar barrels.....	1 00
10 pounds of tea lead.....	25
	\$ 5 63

Respectfully submitted,

JOHN KREMERS,

Storekeeper.

List and Cost of Fixtures in Care of Supply Store.

1 tea can	\$	75
2 scoops		50
6 barrel covers.....		88
2 hatchets.....		50
4 scoops.....		25
1 quart measure		5
4 tin funnels		10
1 pork hook.....		25
1 one-quart measure and funnel		25
1 butcher knife		40
2 peck measures, sheet iron.....		50
1 potato scoop	1	25
1 sharpening steel.....		25
1 fruit auger		75
1 auger.....		25
10 buck saws.....	5	00
1 set Trommer scales, No. 3	14	80
1 self-measuring syrup pump.....	4	00
4 stone hammers.....	2	74
1 meat scale.....	5	00
1 platform scale.....	10	00
1 saw vise.....		45
1 saw set.....		15
1 set counter scales 'small'		
1 syrup truck 'old'		
1 meat cleaver.....		
5 100-lb. coffee bins 'B. B. P. Co.'		
1 brace and bit	1	00
1 paper cutter.....	1	00

 \$ 51 17

Respectfully submitted,

JOHN KREMERS,

Storekeeper.

Bonded Indebtedness, April 19, 1900.

Water works loan	\$ 855,000 00
City hall loan	150,000 00
Street improvement loan	460,000 00
Special loan	150,000 00
School bonds, city	265,000 00
School bonds assumed by annexation ..	7,000 00
Market site	75,000 00
Electric light	125,000 00
Total	\$2,087,000 00

Bonds paid from April 19, 1900 to April 19, 1901.

Street improvement loan	\$ 130,000 00
School bonds	16,000 00
Total	\$ 146 000 00

Bonds Issued May 1, 1900.

Street improvement loan	\$ 100,000 00
	\$ 100,000 00
Bonded indebtedness April 19, 1901	\$2,041,000 00

Statement of Bonded Indebtedness.

ON APRIL 19, 1901.

WATER WORKS LOAN.

Series	Date of Issue	Class and Number	Amount per Bond	Rate of Interest	Total Amount	Date of Maturity
Fourth.....	Sept. 1, 1888	Nos. 1 to 30	\$ 5,000 00	5 Per cent.	\$ 150,000	Sept. 1, 1908
Fifth.....	May 1, 1889	" 1 to 80	1,000 00	5 Per cent.	80,000	May 1, 1909
Sixth.....	Jun. 1, 1892	" 1 to 300	1,000 00	4½ Per cent.	300,000	Jan. 1, 1912
Seventh.....	Oct. 1, 1893	" 1 to 225	1,000 00	4½ Per cent.	225,000	Oct. 1, 1913
Eighth.....	Jan. 1, 1895	" 1 to 100	1,000 00	4 Per cent.	100,000	June 1, 1915
Total					\$385,000 00	

CITY HALL LOAN.

First.....	July 1, 1884	Nos. 1 to 150	\$ 1,000 00	5 Per cent.	\$ 150,000	July 1, 1904
------------	--------------	---------------	-------------	-------------	------------	--------------

STREET IMPROVEMENT LOAN.

Series	Date of Issue	Class and Number	Amount Per Bond	Rate of Interest	Total Amount	Date of Maturity
1896-97.....	May 2, 1897	Class E-50	\$ 1,000 00	5 Per cent.	\$ 50,000	May 2, 1901
1897-98.....	May 1, 1898	Class F-40	1,000 00	5 Per cent.	40,000	May 1, 1901
1897-98.....	May 1, 1898	Class F-40	1,000 00	5 Per cent.	40,000	May 1, 1902
1897-98.....	May 1, 1898	Class F-40	1,000 00	5 Per cent.	40,000	May 1, 1903
1898-99.....	May 1, 1899	Class G-40	1,000 00	5 Per cent.	40,000	May 1, 1901
1898-99.....	May 1, 1899	Class G-40	1,000 00	5 Per cent.	40,000	May 1, 1902
1898-99.....	May 1, 1899	Class G-40	1,000 00	5 Per cent.	40,000	May 1, 1903
1898-99.....	May 1, 1899	Class G-40	1,000 00	5 Per cent.	40,000	May 1, 1904
1899-00.....	May 1, 1900	Class H-20	1,000 00	5 Per cent.	20,000	May 1, 1901
1899-00.....	May 1, 1900	Class H-20	1,000 00	5 Per cent.	20,000	May 1, 1902
1899-00.....	May 1, 1900	Class H-20	1,000 00	5 Per cent.	20,000	May 1, 1903
1899-00.....	May 1, 1900	Class H-20	1,000 00	5 Per cent.	20,000	May 1, 1904
1899-00.....	May 1, 1900	Class H-20	1,000 00	5 Per cent.	20,000	May 1, 1905
Total					\$430,000 00	

SPECIAL BONDS TO PAY FLOATING DEBT.

First.....	May 1, 1895	Class A-150	\$ 1,000 00	4 Per cent.	\$ 150,000	May 1, 1905
Total					\$150,000 00	

MARKET SITE BONDS.

First.....	May 2, 1896	Class A-75	\$ 1,000 00	4 Per cent.	\$ 75,000	May 2, 1916
Total					\$ 75,000 00	

ELECTRIC LIGHT BONDS.

First.....	May 2, 1897	Class A-125	\$ 1,000 00	4 Per cent.	\$ 125,000	May 2, 1917
Total					\$125,000 00	

SCHOOL BONDS.

DATE OF ISSUE	RATE OF INTEREST	AMOUNT	DATE OF MATURITY
June 1, 1883	5 Per cent.	\$ 10,000 00	..... June 1, 1903
October 1, 1884	5 "	9,000 00	..... October 1, 1901
October 1, 1884	5 "	9,000 00	..... October 1, 1904
September 1, 1882	4 "	10,000 00	..... September 1, 1902
November 20, 1885	4 "	21,000 00	..... November 20, 1905
February 5, 1887	4 "	21,000 00	..... February 4, 1907
June 2, 1890	4 "	8,000 00	..... June 2, 1910
October 1, 1891	4½ "	55,000 00	..... October 1, 1911
June 1, 1892	4½ "	25,000 00	..... June 1, 1916
June 1, 1892	4½ "	25,000 00	..... June 1, 1908
June 1, 1892	4½ "	23,000 00	..... June 1, 1909
June 1, 1892	4½ "	12,000 00	..... June 1, 1910
June 1, 1892	4½ "	28,000 00	..... June 1, 1919
Total		\$ 256,000 00	

RECAPITULATION.

Water Works Loan	\$ 855,000 00
City Hall Loan	150,000 00
School Bonds	250,000 00
Street Improvement Loan	430,000 00
Special Bonds	150,000 00
Market Bonds	75,000 00
Electric Light Bonds	125,000 00
Grand total	\$ 2,041,000 00

Recapitulation of Assets and Liabilities, April 19, 1901.**ASSETS.**

City Hall	\$ 300,000 00
Parks.....	338,000 00
Market site	85,000 00
Cemeteries	255,000 00
Water works system	1 241,000 00
Settling basin.....	15,000 00
Standpipe lot	500 00
Reservoir.....	20 000 00
Pumping station.....	30,000 00
Fire engine houses	98 919 48
Public schools	1,133,400 00
Bridges	116,950 00
Hospital and laboratory	12 500 00
Police headquarters	66,000 00
Fire department, personal	110,485 70
Police department, personal	21,528 62
City Hall, personal	25,000 00
Schools, personal	56,000 00
Cemeteries, personal	1,435 70
Highways and sewers, personal	3,434 95
Gravel pits.....	2,900 00
Parks, personal	1,985 40
Lumber, booths, lamps, etc., personal	1,431 32
Public Library.....	67,600 00
Garbage burner	15,000 00
Electric light plant	192,041 96
Valid tax titles owned by the city.....	4,930 55
Cash in depository, five-year improvement fund	\$ 195,612 26
Cash in sinking fund	151,175 73
Cash in depository belonging to other funds	122,897 09
<hr/>	
Total cash in depository.....	\$ 474 613 98
Value of greenhouse and contents	12,065 00
Value of merchandise in supply store.....	175 02
Value of drugs in poor department.....	68 34
Stone crusher, engine house and tools	1,450 00
<hr/>	
Grand total	\$ 4,694,575 43

Second Recapitulation, April 19, 1901.

Bonded debt	\$ 2,041,000 00
Assets over liabilities.....	2,653,575 43
Decrease in assets over 1899-1900	20,738 31
Decrease in bonded debt over 1899-1900	46,000 00

Statement of Assessed Valuation of City.

FROM 1877 TO 1901 INCLUSIVE.

1877.....	\$ 8,333,344 00
1878.....	8,672,020 00
1879.....	8,652,761 00
1880.....	8,803,202 00
1881.....	8,958,924 00
1882.....	18,915,758 00
1883.....	19,084,012 00
1884.....	19,713,610 00
1885.....	19,996,811 00
1886.....	20,328,115 00
1887.....	20,390,477 00
1888.....	21,174,117 00
1889.....	21,411,314 00
1890.....	21,623,202 00
1891.....	23,000,000 00
1892.....	23,500,000 00
1893.....	24,000,000 00
1894.....	24,500,000 00
1895.....	26,000,000 00
1896.....	27,750,000 00
1897.....	27,695,000 00
1898.....	27,758,201 00
1899.....	27,771,186 00
1900.....	43,264,021 00
1901.....	59,956,729 00

BILLS REPORTED BY COMPTROLLER WITHOUT RECOMMENDATION—1900-1901

Date of Bill	Name of Claimant	For What Purpose	Amount	When Reported to Compt'r	Where Referred	How and When Recommended
1900				1900		
May	S. S. Hamilton.....	Insp. Valley Ave. Imp... W. Fulton to Park Ave. ending May 1, 1900	\$ 12 88	May 28.....	Board of Public Wks	No report
April 26..	Board of Cemetery Com	Care of graves for year.. ending May 1, 1900	350 00	May 7.....	Com. on Claims & Ac	Report to allow from poor fund
June 6...	Peter McIntosh.....	Pay roll, 2d Ward.....	75 07	June 12.....	Com on Streets	Report to allow—paid June 18, 1900
April 1..	D. A. Blodgett.....	Storing lamp posts.....	13 50	July 16.....	Com. on Claims & Ac	No report
June 30..	E. G. R. Sidewalk Co..	Crosswalk front Maple ct	6 66	July 16.....	Alderman of 11th wrd	Report to allow July 23, 1900—gen'l fund
June 30..	E. G. R. Sidewalk Co..	Crosswalk front Maple ct	6 66	July 30.....	Com. on Claims & Ac	Report to pay ¼ fr. ward & ¼ fr. gen'l
July 25..	Bissell Car. Sweeper Co	½ cost rep. canal break..	31 88	July 20.....	Com. on Claims & Ac and Sewers	Report to allow—Aug. 20, 3d sewer dist
July 30..	Lorain F. Wood	Taxes paid under protest	584 42	Aug. 6.....	Com. on Claims & Ac and Attorney	Report to not allow—Aug. 20
July 30..	Isabella C. Wood	Taxes paid under protest	412 98	Aug. 6.....	Com. on Claims & Ac and Attorney	Report to not allow—Aug. 20
July 14..	Weatherly & Pulte....	Labor and material.....	40 88	Aug. 6.....	Com. on Claims & Ac	Report to allow from 3d sewer district
Aug. 4...	Berkey & Gay Fur. Co.	Excess of tax	1,054 00	Aug. 6.....	Com. on Claims & Ac	Report to not allow—Aug. 13, 1900
Aug. 2...	Consolidated St. Ry Co.	Excess of tax	11,850 52	Aug. 6.....	Com. on Claims & Ac	Report to not allow—Aug. 13, 1900
Aug. 3...	G. R. Gas Light Co ..	Excess of tax	8,659 46	Aug. 6.....	Com. on Claims & Ac	Report to not allow—Aug. 13, 1900
April 1..	D. A. Blodgett.....	Stoning lamp posts.....	19 50	Aug. 20.....	Com. on Claims & Ac	Report to not allow—Sept. 4, 1900
Nov. 27..	Charles Sach	Reservoir damages	100 00	Sept. 17.....	Com. on Claims & Ac	Report to allow at \$73.50—paid Dec. 10
Nov. 1...	Mich. Central R. R....	Labor & guarding sewer and construction	92 70	Nov. 19.....	Com on Claims & Ac	Report to not allow—Jan. 2, 1901
July 2...	Foster, Stevens & Co..	Lanterns	23 50	Nov. 24.....	Com. on Claims & Ac	Report ref'd Brd Pub. Wks—pd. Apr. 201
Dec. 21..	Thomas J. Gleason.....	Rebuild'g walk—Bridge st	25 38	Dec. 24.....	Com. on Claims & Ac	Report to allow—paid from Bridge St Canal bridge fund
Jan.	Consolidated St. Ry Co.	Taxes paid under protest	14 788 13	Jan. 14.....	Com. on Claims & Ac and Attorney	Report to not allow—Jan. 21, 1901

Orders in City Comptroller's Office April 19, 1901.

GENERAL.

604	Arbeiter Hall	\$	25 00
411	A. F. Burch		1 50
606	Converse & Chick		12 00
20390	Hazeltine & Perkins		5 00
577	Heystek & Canfield		45
597	Chas. S. Holt		25 09
415	H. Leonard & Sons		3 75
392	Fred Macey Co		15 00
21363	Fred Macey Co		14 21
581	Fred Macey Co		2 62
20355	A. M. Maria		90
572	Anna McNamara		8 00
19413	Mrs. Neil MacGregor		2 00
579	Postal Telegraph Cable Co		51
564	Stanten Printing Co		9 50
20978	W. A. Stowe		53
563	Voigt, Herpolsheimer & Co		10 50
413	Weatherly & Pulte		1 10
578	Western Union Telegraph Co		1 75
20568	J. P. Ellen		3 00
20587	Ed. Smith		3 00
20597	Ed. Wade		3 00
20623	A. S. Richmond		3 00
20643	J. P. Ellen		6 00
20646	P. Van Vleck		2 00
20669	Thos. Welmers		6 00
20670	F. T. Gray		2 00
20673	N. B. Scribner		6 00
20677	W. S. Hull		6 00
20709	S. H. LaBerge		6 00
20721	Henry Kusterer		6 00
20760	M. W. Pearson		2 10
20764	Edw. Wade		6 00
20790	H. J. Gervers		6 00
20806	Richard Stack		6 00
20835	Sol. Hufford		6 00
20836	F. A. Schulte		6 00
20844	Theo. J. Weiland		6 00
20857	Frank W. Berles		6 00
20880	S. Workman		2 00
2 904	Harley M. Strong		2 00
20916	Byron C. Hall		6 00
375	W. R. Youngs		3 00
381	John T. Cooper		3 00

Total\$ 251 32

FIRE DEPARTMENT.

428	Hazeltine & Perkins	\$	10 20
425	S. Parshbacher		12 50
430	School and Office Supply Co.		1 37
429	George H. Willmot		11 60
Total			\$ 35 67
	H. Glidden		39 14

POLICE DEPARTMENT.

21051	Badford Deane	\$	2 05
434	School and Office Supply Co.		1 38
432	W. K. Schmidt		2 55
Total			\$ 5 98

CONTINGENT.

20404	Adelia Barrett	\$	50 00
20403	F. C. Miller		41 22
Total			\$ 91 22

PUBLIC LIGHTING.

649	Ball, Barnhart & Putnam Co.	\$	13 02
645	General fund		6 00
Total			\$ 19 02

BRIDGE.

721	Russell & Simmons	\$	2 30
Total			\$ 2 30

HEALTH.

20955	Dr. Alexander McKenzie Campbell	\$	12 00
13814	J. DeKruif & Co.		60
20963	John H. Goss		13 02
20667	Jeltes Stuck & Co.		53
634	N. R. Johnston		10 00
20656	Morse Dry Goods Co.		14 25
20960	H. K. Mulford Co.		6 00
20944	Stanton Printing Co.		12 50
Total			\$ 68 90

WATER WORKS INCOME.

695	Ball, Barnhart & Putnam Co.	\$	30 58
695	C. G. Balsh		1 20
17167	O. F. Conklin		2 50
700	General fund		32 00
691	C. H. Gleason		1 00
705	Will McCarthy		14 00
20519	C. C. Rood Estate		85
692	B. F. Wright		1 55
Total			\$ 83 68

REPORT OF COMPTROLLER,

WATER WORKS.

664	Postal Telegraph Cable Co.	\$	32
	Total	\$	32

GREENHOUSE.

630	Citizen's Telephone Co.	\$	7 50
90419	F. C. Miller		22 27
629	Michigan Central Railroad Co.		3 00
20248	Wm. Reid		16 39
	Total	\$	49 16

GREENWOOD CEMETERY.

653	Citizens Telephone Co.	\$	8 50
	Total	\$	8 50

VALLEY CITY CEMETERY.

650	Citizens Telephone Co.	\$	8 00
651	K. Cole		3 35
90074	Michigan Trust Co.		3 00
	Total	\$	14 35

REDEMPTION ON DEPOSIT.

743	George E. Luther.	\$	48 62
	Total	\$	48 62

BRIDGE STREET CANAL BRIDGE.

746	General fund.....	\$	14 00
	Total	\$	14 00

FIRST WARD HIGHWAY.

25	Jacob Kuipers	\$	3 50
	Total	\$	3 50

FOURTH WARD HIGHWAY.

534	Michigan Brush Co.	\$	1 25
	Total	\$	1 25

SECOND WARD HIGHWAY.

529	Michigan Brush Co.	\$	1 25
	Total	\$	1 25

FIFTH WARD HIGHWAY.

37 Michigan Brush Co	\$	1 25
Total	\$	1 25

EIGHTH WARD HIGHWAY.

20551 F. C. Miller.....	\$	1 50
Total	\$	1 50

FIRST SEWER DISTRICT.

723 Stiles Bros	\$	5 90
Total.....	\$	5 20

JOHN BALL PARK.

20526 F. C. Miller... ..	\$	3 00
Total	\$	3 00

SOUTH DIAMOND STREET IMPROVEMENT.

747 H. G. Holt.....	\$	11 25
Total	\$	11 25

AUBURN AVENUE IMPROVEMENT.

748 H. G. Holt.....	\$	3 37
Total	\$	3 37
Grand total.....	\$	725 30
		39 14
		764 44

Time Orders.

HILTON STREET SEWER.

756 Edward Whalen	\$	28 91
Total	\$	28 91

QUIT CLAIM DEEDS ISSUED BY THE CITY OF GRAND RAPIDS - 1900-1901

1900	To Whom Issued.	Description of Property	No. of Certificate.	Amount
April 23	Emil and Julius Tisch.	N. ¼ of lot 2, blk 1, Drew & Brown's add	18788	1 31
April 23	Melina Gibben	Lots 5, 6, 7, and 8 and 9, blk 6, Campbell & Underwood's W. P. add.	14466 7 8-9-70 18005 6 7 8 9	50 00
April 28	Wm. Terry.	Lots 3 and 4, Mueller & Osterlee's sub	18789 70 17915	6 72
April 23	Flora M. Potter	Lot 9, Teachout, Marvin & Fogg's add	12266	1 86
May 2	Joseph H. Martin	Lot 70, Weston and Lowe's add.	17647	4 40
May 8	Elizabeth G. O'Neill	Lots 17 and 18, Gunnison Place add.	19142-19143	6 25
May 8	Catherine Hall.	Lot 48, S. A. Brown's add.	19661	1 30
May 8	N. B. Scribner.	Lot 15, blk 12, Scribner & Turner's 2d add	15361-19098	11 68
May 8	F. W. N. Hugenholtz, jr.	Lots 17 and 20, blk 10, W. C. Bradford's add	13714-46 14931-16716	31 77
May 8	H. F. Hackedorf	Lots 2, 8, 9 and '0, blk 4, Powers add.	18855	21 18
May 8	Delbert D. Carlyle	Lot 7, blk 17, Oakdale Park add	19475	71
May 8	John Heft.	Lot 2, Sunnyside add	19648	1 32
May 8	D. E. Lozier and wife, Ora	Lots 2 and 3, blk 4, Silver Creek add	19539-33	1 94
May 8	Margaret Fleurtis.	S 17 feet of w 90 feet of lot 8, blk 1, Withey's add.	19280	2 16
May 8	Henry F. Hindermann	Lot 14, Vander Stolp's add	19701	7 43
May 8	R. Reynolds and L. A. Franklin	Lot 17, B. F. Barendsen's 2d add	19613	3 01
May 10	Alfred B. Sayles.	Lots 4 and 5, blk 1, White's 3d add	19065-66	3 60
May 10	John F. Byrne.	Part Sec. 29-7-11.	18573	2 78
May 10	F. J. E. DeLagrange	Lot 10, blk 8, Campbell & Underwood's W. P. add.	19386	1 91
May 19	American National Bank, Denver	Lot 18, blk 2, Page's sub.	18831	3 05
May 12	Monroe D. Morgan, adm'r.	Lot 10, blk 4, Campbell & Underwood's W. P. add.	19313	2 17

May 14	Joseph R. Elliott	Pt lot 4, blk 7, Scribner & Turner's 2d add	19097	3 94
May 14	Clara Bates	Lot 10, blk 4, Stow & Parish add.	19546	3 06
May 14	Geo. H. Gildersleeve	Pt lots 18 and 19, blk 23, Dexter fraction	19689	26 91
May 14	Chas. W. Matheson	Lot 19, Teachout, Marvin & Fogg's add	19297	2 19
May 14	Edw. Kozlowski	Lot 18, Visoski's add	18712	1 27
May 17	David B. DeYoung	Pt lots 2 and 3, blk 2, Ellsworth add	18532	12 20
May 17	Emily S. Hafl	Lot 43, Gildersleeve & Harrington's sub	19399	88
May 17	Julia C. Adams	Lot 13, Southwick & Wright's add.	19540	1 16
May 18	Warren Gee	Lot 23, sub of Reynold's & Franklin's 2d add	19512	2 60
May 18	Grand Rapids Fire Insurance Co	Pt lots 8 and 9, blk 8, Campau plat	18538	270 12
May 18	Thos. F. Garratt	Lot 10, Mary J. Finch's 2d add	19297	4 71
May 18	A. R. and A. E. Longfellow	S 40 feet, Lot 19, blk 1, J. S. Miller's add.	17894	4 61
May 19	James B. Collander	Part Sec. 14-7-12	19090	3 47
May 19	C. O. Smedley	Lot 23, blk 1, Barth's add	19740	34 32
May 19	Ellen T. Phillips	Lot 2, blk 2, Atwater & Capen's add	18650	1 28
May 24	J. C. Gates and John Bell	Part lot 27, Morrison's add	18627	3 68
May 24	C. B. and J. J. Macauley	Lot 34, Davis, Turner & Carroll 2d add.	19352	2 17
May 31	Peter VanDyke	Lot 97 Estelle add	19353	3 44
May 31	Deborah White	Lot 4, blk 1, Holbrook's add	14754-16558	20 98
May 31	Samuel Orcutt and wife	Pt of s. 1/4, lot 45, Colt & Curtis partition plat.	18970	86
June 9	Chas. F. Bacon	Pt of lot 1, sub of Reynold's & Franklin's 2d add.	19508	1 73
June 8	Ashael A. Barrows	Lot 22, Gildersleeve & Harrington's sub	19368	87
June 8	Petra Holmberg	Lot 11, blk 10, Campbell & Underwood W. P. add.	18214	2 25
June 8	Margaret Powers	Part of Sec. 5-6-11	18108	13 09

QUIT CLAIM DEEDS—Continued.

1900	To Whom Issued.	Description of Property.	No. of Certificate.	Amount
June 8.....	Ellen King Estate	Lot 9, blk 16, Grant's add	16179	\$ 24 43
June 8.....	McGeorge Bundy	Lot 9, Earle's sub	14894	3 58
June 11.....	David E. McConnell	Lots 2, 3 and 4, blk 1, Monroe's sub.	19041-2 3	7 29
June 11.....	J. Fred Mueller	Lot 18 and 19, blk 5, Cornstock plat.	16729	6 36
June 18.....	Polly and Wm. Harrison	E ½ of lot 9, block 3, W. D. Stevens add	19700	5 94
June 14.....	West Side Building & Loan Ass'n	Part of Sec. 13-7-12.	18496	33 63
June 18.....	Sherman T. Colson	Lot 15, sub of Reynolds & Franklin 2d add	19510	1 83
June 18.....	Ferdinand L. Reichel	Lot 18, Underwood's add	18564	1 16
June 18.....	Trustees of Oberlin College	Part of lot 97, Colt & Curtis partition plat.	18411-80 19774	214 94
June 18.....	Martin VanderBosch	Undivided ¼ of Government lot, Sec. 13-7-12.	19078	34 73
June 20.....	Henry Clover	Lot 170, Estelle add	19390	87
June 20.....	Lucy Willeke	Pt of blk 35, Stewart's add	18716	3 78
June 20.....	Lizzie H. Ware	Lot 17, sub of Reynolds & Franklin's 2d add	18511	1 87
June 21.....	Ernest A. Crozier	Pt lots 1 and 2, blk 13, Kendall's add, and part of lot 28, Colt & Curtis partition plat	18692	50 25
June 21.....	Samuel B. Jenks	Part of lot 2, Aiken's add	19289	3 04
June 21.....	Ellen B. Pierce	Part of lot 2, Ellsworth add.	18637	7 23
June 28.....	F. P. and Mary E. Lombard	Part of lot 4, blk 6, Centennial plat.	18337	6 10
June 28.....	Arthur T. Slaght	Lots 3 and 4, Barnard & Wesselius sub.	19771	30 52
July 5.....	Sarah A. Hough	Lots 4 and 5, blk 5, Silver Creek Park add	19634 35.	1 94
July 5.....	Elizabeth G. O'Neill	Lots 1-2-12-14 Gunnison Place and pt of lot 6, blk 29, Shephard's add.	18511 12 19135 35 19401 19154	90 45

July 5.....	Annie L. Benjamin.....	Part lots 19, 20, 21, Northrop's add.....	1882-30.....	73 90
July 14.....	Fred A. Ruf.....	Lot 7, blk 2, Stow & Parish add.....	1944.....	1 61
July 14.....	Daniel W. Northrup.....	Lot 13, blk 1 and lot 13 blk 4, Grove Park add.....	1849-1863-19872 19387.....	5 73
July 21.....	Grand Rapids Medical College.....	Part lots 19 and 20, block 1, Comstock add.....	1902.....	11 84
July 21.....	Joseph W. Colburn.....	Lot 18, 19, blk 3, Oakdale Park add.....	1949-60.....	4 73
July 27.....	Henry L. Houseman.....	Lots 1, 2, 3, Lamb & Toren's w s add.....	1801-2-3.....	34 55
August 2.....	Julia J. Warren.....	Lot 2, blk 19, Dupree's sub.....	1878.....	1 81
August 7.....	Charles M. Norton.....	Part of n e ¼, Sec. 18-7-11.....	1882.....	305 83
August 14.....	Joseph Benihan.....	Lots 1 to 10, block 5, W. C. Bradford's add.....	18678.....	31 92
August 20.....	Sarah M. Goebel.....	Lot 5, blk 15, A. L. Skinner's add.....	19787.....	19 99
August 21.....	Isabella C. Wood.....	Lot 5, blk 30's 70 ft of e 6 ft., Shephard's add.....	10576-12330 13742 14614 18341.....	9 33
August 23.....	William P. Kutsche.....	Lot 18, blk 1 (s 1 ft of n 18 ft), W. C. Bradford's add.....	13080.....	44
August 25.....	The Ohio Powder Co.....	Part Sec. 26-7-12.....	17187-19164.....	4 01
August 31.....	John H. Grebel.....	N 24 ft of e 130 ft, lot 9, and s 16 ft of e 130 ft, lot 10, block 3, Withey's add.....	18282-19007.....	13 56
September 13.....	Chas. Warsco.....	Lot 11, Wheeler's add.....	18091-19355.....	3 13
September 15.....	Cornelius VanSluys.....	Lots 90 and 91, within 100 ft of e line N. Prospect street, blk 1, W. C. Bradford's add.....	19386-19387.....	42 30
September 15.....	Arthur C. Denison.....	Part lot 5, block 5, Remington's add.....	18015-18016.....	25 08
October 3.....	John and Madeline Dressander.....	Lot 3, blk 1, Atwater & Capen's add.....	18648.....	2 18
October 5.....	Pere Marquette Railroad Co.....	E 5 ft of lots 6 and 11, Antoine Campau's 2d add.....	19065.....	1 87
October 8.....	James W. Orr.....	Lot 114, D. C. Underwood's add.....	18282.....	2 27
October 10.....	Raymond M. Furgeson, Adm'r.....	Lot 21, blk 11, Campbell & Underwood W. P. add.....	15695-17316.....	6 18
October 10.....	James J. Danhoff.....	Lot 8, blk 3, Grove Park add.....	19384.....	1 43
October 16.....	Ann McDonald.....	Part Sec. 23-7-12.....	19063.....	4 15

QUIT CLAIM DEEDS—Continued.

1900	To Whom Issued.	Description of Property.	No. of Certificate.	Amount
October 18,	Zera Eberhard,	Lot 164, Underwood's add.	20031	2 96
October 18,	Ira Scott, Ex'r and Mary Scott,	Exr. estate of William Scott, pt Sec. 29-7-11	20060	100 25
October 18,	William G. Eekler,	Part lots 12 and 13 McElwee's add.	19014	1 95
October 22,	Mutual Home and Savings Ass'n	Lot 7, Wood's sub.	18368	37 44
October 25,	Lide DeGolyer Bouman,	W 19½ ft of e 57½ ft of w 115 ft of lot 5, blk 18, Dexter fraction	18797	3 15
October 31,	Susan D. V. Powers,	Lot 10, blk 4, Powers Paris add.	19991	3 11
November 9,	Emma Boynton,	W 33 ft in w'd lot 3, Bissell & Harlan's add.	19981	2 07
November 9,	E. F. Sweet and Wm. Knowlson, Exs of estate of John McConnell,	Lot 5, blk 5, lots 16 and 17, blk, Ellsworth add.	3478-3477-6567-6568	130 00
November 14,	Lydia Groeg,	Parts of blk 5, Long's add.	15,20-20098-20070	113 04
November 13,	Lester B. Markham,	Lot 12, Duntan's sub.	13490-15554	10 05
November 14,	Chase Bros., Piano Co.,	Part blk 4, Drew & Brown's add.	14998-16737-16785	6 81
November 15,	Alfred O. Crozier Exr. est. J. Alger,	Lot 126, J. F. Front's add.	14931	9 08
November 17,	Lizzie H. Hathaway,	Lot 18, blk 3, W. P. Innes add.	20089	25 03
November 17,	A. E. Coleman, Ann. est. B. F. Ray,	E 50 ft of s ¼, lot 14, and e 50 ft of lot 15, blk 2, Fisher's add.	19112	3 60
November 21,	Jos. P. Bonker,	N w 45 ft lot 7, blk 12, Power's Paris add.	19499	1 90
November 28,	Wm. H. Anderson, guardian,	w ¼ lot 1, blk 6, A. L. Skinner's add.	19714	5 71
November 30,	Emma R. Carpenter,	Lot 11, Carpenter's sub.	18250	5 53
November 30,	Ferdinand Welzer,	Lot 20, blk 8, Campbell & Underwood's W. P. add.	19956	3 00
December 5,	B. W. Barnard, guardian,	Lots 15 and 17, De Vries add.	19077-78 11026 27-17783-54	29 06

December 6 ..	Wardens and Vestry, Ch. of Gd. Sbd	W 6 ft in length of e 18 ft in length lot 9, Carr's sub	7184 .....	.....
December 10 ..	Louis P. Oltman	Pt lot 18 and all lot 14, blk 4, W. P. Innes add, and part n e $\frac{1}{4}$, Sec. 30-7-11	20099	83 24
December 10 ..	Melissa E. Fetters	Lot 1, blk 11, Campbell & Underwood's W. P. add	19884	2 79
1901				
January 2	Jos. Houseman and Hattie Amberg	W 100 ft in length, lot 905, Houseman's Fair G'd ad	20105	23 88
January 2	J. Harvey Mann	Part lot 1, Geo. Campau's plat	19300	12 55
January 8	Henry B. Davis	Part s w $\frac{1}{4}$ Sec. 29-7-11	20143	1 44
January 8	John J. Belknap	Lot 24, Ives & Luton's add	19735	17 07
January 8	Wm. M. Robinson	Lot 10, blk 18, Oakdale Park add	19477	3 67
January 12	James F. Hauranhan	N 30 ft in wid, lot 236, Kent plat	20130	7 95
January 14	Jno. Frederick Brown	Lot 3, Clement's suburban add	15676-17394	6 28
January 17	Wm. Robinson	Part Sec. 28-7-12	3892	7 67
January 18	A. Jay Prescott	Lots 4 and 5, Campbell & Underwood's W. P. add ..	19197-99-19951-33	10 58
February 7	Sarah B. Ferry	Lot 11 and w 32 ft in w'd of lot 12, blk 4, W. Innes ad	20098	73 79
February 13	Bastain D'Ooge	Lots 1 and 3 and all that part of lots 12 and 13 of Sproat's unrecorded add, city of Grand Rapids lying within 100 feet of the w line of Plainfield av. being part of n w $\frac{1}{4}$ of the n e $\frac{1}{4}$ Sec. 18-7-11.	1838-2011-18359-20120 part 18337 part 20113	100 66
February 16	Geo. Heffernan	E 40 ft and w 21 ft in length of lot 5, and e 21 ft of lot 6, blk 4, Powers Paris add	19957 19488	4 54
February 23	Matthew J. Kolts	Lots 78 and 79 Cummings & Ferry's add	19339-40-9444-95-17107-98-19087 -88	105 90
February 28	Sarah J. Freiligh	S 1 ft of lot 69, Hunter's sub	19023-19877	3 22
March 2	Mary A. Springstead	Lot 41, B. F. Washburn's sub	19274	2 57
March 9	Helen E. Dolbee	Lots 1, 2 and 3 Dolbee's 1st Dunham Farm	19033-14198-14546-13627-14190 14518-14199-14547	102 01
March 18	O. C. Tompkins	Lot 38, Hunter's sub, lot 21, blk 9, Campbell & Underwood's W. P. add	19022-19876-19981	22 08

QUIT CLAIM DEEDS—Continued.

1901	To Whom Issued.	Description of Property.	No. of Certificate.	Amount
March 21.....	Chauncey F. Cook	Lots 14, 15, 16, 17 Dolbee's 3d Dunham Farm add.....	20201-2-3-5	\$ 20 03
March 21.....	Sarah Fisher	Lot 5, blk 9, Winsor's add.	20204	5 02
March 22.....	Edward W. Seaman	Lot 27, blk 2, W. P. Innes add.	20177	27 16
March 30.....	James Campbell	Lot 17, blk 16, Oakdale Park add	9334-10240-15757-15903	21 60
April 3	Reuben Hatch	Lot 28, Davis, Turner & Carroll's add	20192	5 84
April 3	Catharine Barrett	Lot 2, blk 4, Withey's add	20160	72 49
April 3	Susan Skahan	Lot 14, blk 7, Grant's add	16487	16 05
April 8	Mutual Home and Savings Ass'n	Lot 1, Wartrous add	20106	39 00
April 13	W. A. Chappel.	Lt 11, blk 3, Davis, Turner & Carroll's 8th W'd add	19129	2 87
April 16	Mary L. Throop	Lot 17 Allen McDowell's add	20214	35 81
Total.....	.....	.....	.....	\$ 3,140 03

Salaries of City Officers and Employees.

Mayor, per year.....	\$ 1,200 00
Mayor's secretary, per year	1,000 00
Aldermen (24), each, per year.....	350 00
City Clerk, per year.....	2,500 00
Deputy City Clerk, per year	1,200 00
One clerk, per year	1,000 00
One clerk, per week.....	15 00
One clerk, per week	16 50
City Treasurer, per year.....	2,500 00
Deputy City Treasurer, per year	1,500 00
One bookkeeper, per year.....	1,200 00
One bookkeeper, per year	1,000 00
Clerks in tax department, per week	18 00
Comptroller, per year.....	2,000 00
Bookkeeper, per week	16 50
Assistant, per week	12 00
Assistant, per week	10 00
Tax title and abstract clerk, per year.....	1,200 00
City Attorney, per year	2,500 00
Assistant City Attorney, per year	1,000 00
Law Clerk, per year.....	1,200 00
Clerk, per week	16 00
City Marshal, per year	1,800 00
Deputy City Marshal, per week	18 00
Bookkeeper, per week	15 00
Assistant, per week	15 00
City Physician, per year.....	1,200 00

BOARD OF PUBLIC WORKS.

Five members, per day for actual service	\$ 3 00
Secretary of Board, per year	1,500 00
Deputy Secretary, per year	1,200 00
Cashier, per month.....	75 00
One assistant, per month	75 00
One assistant, per month	50 00
One assistant, per month	50 00
Chief Inspector, per year	1,200 00
Inspectors, per month	65 00

ENGINEERING DEPARTMENT.

City Engineer and Surveyor, per year	2,000 00
Clerk, per year	1,840 00
Assistant Engineers, per year	1,080 00
Levelmen, per month	45 00
Rodmen, per month.....	40 00
Two Draughtsman, per year, each	900 00
Two office boys, per month	35 00

REPORT OF COMPTROLLER,

BOARD OF POLICE AND FIRE COMMISSIONERS.

Secretary of Board, per year	\$ 1,400 00
Stenographer, per year	630 00

BOARD OF HEALTH.

Health Officer, per year	\$ 1,500 00
Secretary Board of Health.	900 00
Clerk, per week	12 00
Inspectors, each per week	10 00

GARBAGE BURNER.

Two tenders, per week, each	\$ 13 50
Dump man, per week	7 50

BOARD OF ASSESSORS.

Three members, each per year	\$ 1,600 00
Chief clerk, per year	1,500 00
Second chief clerk, per year	1,100 00
Clerks, per month	75 00

BOARD OF CEMETERY COMMISSIONERS.

Three members, each per year	\$ 100 00
Secretary, per year	150 00
Sexton Valley City cemetery, per year	1,000 00
Sexton Greenwood cemetery, per year	800 00
Laborers, per day	\$1 23 to 1 75

BOARD OF POOR COMMISSIONERS.

One member, per year	\$ 1,000 00
One clerk, per week	18 50
One clerk, per week	10 00
One clerk, per week	12 00

HIGHWAY COMMISSIONERS.

Three Highway Commissioners, per week, each	\$ 16 50
Laborers, per day	1 75
Sewer men, per day	9 00
Teams and teamsters, per day	3 50

PARKS.

Superintendent of Parks, per year	\$ 1,500 00
Foreman, per week	18 00
Laborers, per day	\$1 23 to 1 75

SUPERIOR COURT.

Judge (paid by the State)	\$	2,500 00
Clerk, per year		1,200 00
Court Stenographer, per year		2,000 00
Messenger, per week		10 00
Court Officer, per day		2 50

POLICE COURT.

Judge, per year	\$	1,800 00	City's share	\$	900 00
Clerk, per year		1 200 00	City's share		600 00
Bailiff, per year		800 00	City's share		400 00

JUSTICES' COURT.

Two Justices, each, per year	\$	1,300 00
Clerk, per year		1 000 00

CITY HALL.

Custodian, per week	\$	7 00
Engineer, per week		18 00
Assistant Engineer, per week		13 50
Janitors, per week		12 00
Elevator man, per week		14 00
Night watch, per week		14 00

FIRE DEPARTMENT.

Marshal, per year	\$	2,000 00
First assistant marshal, per year		1,500 00
Second assistant marshal, per year		1,200 00
Superintendent fire alarms, per year (also \$350 from police department)		1,150 00
Driver for marshal, per day		1 90
Thirteen captains, per day		2 75
Fifteen lieutenants, per day		2 31
Three drivers, per day		1 70
Sixteen drivers, per day		2 09
Four drivers, per day		1 98
Twenty-nine pipemen, per day		1 70 to 2 20
Seventeen ladder men, per day		1 70 to 2 20
Four engineers, per day		2 74
Eight assistant engineers, per day		1 70 to 2 20
One battery man, per day		2 25
One inspector, per month		57 00
Two inspectors, per month		55 00

POLICE DEPARTMENT.

Superintendent, per year	\$	2,300 00
Superintendent signal service, per year (also \$1,150 from fire department)		350 00
Captain, per year		1,200 00

REPORT OF COMPTROLLER,

Lieutenant, per year	\$ 1,100 00
First Sergeant, per day	2 30
Second Sergeant, per day	2 30
Third Sergeant, per day	2 30
Six detectives, per day	2 74
Court officer, per day	2 25
Truant officer, per day	2 25
Three drivers, per day	2 25
Office clerk, per day	2 05
Office clerk, per day	1 80
Two signal operators, per month	40 00
One signal operator, per month	30 00
Janitor, per day	2 00
Assistant janitor, per day	1 75
Poundmaster, per day	2 25
Assistant poundmaster, per month	35 00
Matron, per month	55 00
Sixty-eight patrolmen, each per day	2 25

PUMPING STATION.

First assistant engineer, per year	\$ 1,000 00
Two engineers, per year, each	900 00
Four firemen, per month, each	45 00
Three wipers, per month, each	40 00
Two coal passers, per month, each	40 00
Helpers, per month	40 00

REPAIR DEPARTMENT.

Tapper, per day (foreman)	\$ 2 75
Assistant tappers, per day	1 50
Laborers, per day, each	1 50
Street and sewer inspectors, per day	\$2 25 to 2 50

ELECTRIC LIGHT PLANT.

Superintendent, per year (also superintendent of pumping station)	\$ 2,500 00
Electrician, per month	25 00
Two engineers, per month	80 00
Two dynamo tenders, per month	50 00
Two firemen, per month	45 00
Helpers, per month	40 00
Linemen, per month	60 00
Trimmers, per month	50 00

LEO A. CARO,
City Comptroller.

REPORT OF BOARD OF ASSESSORS.

OFFICE OF THE BOARD OF ASSESSORS, }
GRAND RAPIDS, MICH., April 30, 1901. }

*To the Honorable the Mayor and Common Council of the
City of Grand Rapids:*

GENTLEMEN—We submit herewith a detailed statement of the business of our office for the year ending April 30, 1901:

Upon the confirmation and return of the assessment rolls for the year 1900 by your honorable body, we prepared to apportion the city, highway and sewer taxes thereon. When we were ready to do so the Board of State Tax Commissioners demanded the rolls for the purpose of review, and upon our refusal to deliver the same the Board of Assessors was served with a writ of mandamus by the Supreme Court to show cause why the rolls should not be delivered to the tax commissioners. Upon the hearing in the Supreme Court we were ordered to deliver the rolls to the Board of State Tax Commissioners, who immediately proceeded to review the same. Upon the completion of their labors they added to the assessed valuation of the tax rolls the sum of \$2,953,790, thereby making the assessed valuation of the city \$43,264,021. This very materially hindered the work of extending the city taxes, but the rolls were delivered to the comptroller on June 27, as provided by the charter,

The following table shows the apportionment by wards for the year 1900:

Wards.	City Tax	Sewer Tax	Highway Tax	Delinquent and Surplus	Total Tax
First	\$ 33,710 30	\$ 592 90	\$ 4,300 00	\$ 95 90	\$ 38,699 10
Second	104,302 00	1,171 60	5,000 00	55 36	110,528 96
Third	54,181 50	962 90	4,000 00	55 70	59,190 10
Fourth ...	53,231 50	597 80	6,000 00	33 35	59,862 65
Fifth	20,536 40	230 60	3,000 00	18 04	23,785 04
Sixth	19,870 70	652 35	3,000 00	11 30	23,534 35
Seventh.	17,641 80	600 85	2,500 00	3 70	20,946 35
Eighth	12,771 50	430 15	2,000 00	22 79	15,224 44
Ninth	16,826 00	566 63	3,000 00	19 46	20,412 11
Tenth	23,827 10	418 90	3,000 00	13 72	27,359 72
Eleventh..	17,719 00	311 65	3,000 00	25 38	21,056 03
Twelfth ..	12,713 20	223 65	2,500 00	110 68	15,547 53
Total....	\$ 387,031 00	\$ 6,750 00	\$ 41,300 00	\$ 465 38	\$ 435,546 38

The State, County and school tax rolls for 1900 were prepared and the taxes apportioned by the Board of Supervisors were extended thereon.

The following table shows more fully the amount as spread on the several ward rolls:

Wards.	State	County	School	Total
First	\$ 7,865 60	\$ 5,331 00	\$ 24,014 07	\$ 37,211 27
Second	29,258 40	18,432 53	89,332 23	137,023 16
Third	13,112 80	8,814 76	40,035 02	61,962 58
Fourth ...	12,515 40	7,959 66	38,210 96	58,686 02
Fifth	4,714 25	3,044 14	14,393 13	22,151 52
Sixth	4,446 25	2,834 63	13,574 53	20,855 41
Seventh...	4,065 15	2,653 33	12,503 20	19,251 68
Eighth ..	2,931 50	1,890 80	8,950 20	13,772 50
Ninth	3,952 25	2,460 85	12,066 36	18,479 46
Tenth	5,469 20	3,595 52	16,697 69	25,762 41
Eleventh..	4,067 15	2,604 77	12,417 50	19,089 42
Twelfth ..	2,918 13	1,970 23	8,909 13	13,797 48
Total ...	\$ 95,316 08	\$ 61,592 81	\$ 291,104 02	\$ 448,012 91

The general assessment rolls for the year 1901 have been completed and returned to your honorable body for review as provided in Section 4, Title VIII, of the city charter.

The following table sets forth the assessments by wards:

Wards.	Real Estate.	Personal	Total
First	\$ 3,690,970 00	\$ 1,593,395 00	\$ 5,284,365 00
Second	8,643,575 00	8,274,411 00	16,917,986 00
Third	5,913,660 00	2,594,722 00	7,908,382 00
Fourth	5,571,460 00	1,853,886 00	7,425,346 00
Fifth	2,763,320 00	444,325 00	3,257,645 00
Sixth	2,328,320 00	765,730 00	3,094,050 00
Seventh	2,112,900 00	677,945 00	2,790,845 00
Eighth	1,396,875 00	417,305 00	1,814,080 00
Ninth	1,623,625 00	686,950 00	2,310,575 00
Tenth	3,281,905 00	529,750 00	3,811,655 00
Eleventh	2,776,920 00	214,945 00	2,991,865 00
Twelfth	1,747,950 00	378,955 00	2,126,905 00
Total	\$ 41,457,960 00	\$ 18,482,219 00	\$ 59,940,179 00

The following is a list of the local assessment rolls prepared in our office and returned to your honorable body, all of which have been confirmed, except the Hilton street sewer roll, which is now before you:

Sewer Rolls.

Auburn avenue, Lake avenue to Fuller street	\$ 800 00
Cedar street, Clancy street to North College avenue	2,236 00
Diamond street (South), Cherry street to Buckeye street	500 00
Donald street, Wealthy avenue to 633½ feet north	528 00
Front street (North), Eleventh street to West Leonard street	1,730 00
Fifth avenue, Kalamazoo avenue to Neland avenue	805 00
Godfrey avenue, South Market street to Hall street	14 550 00
Hilton street and First avenue, Hall street to Buchanan street	17,975 00
Logan street, Henry street to East street	1,090 00
Lyon street, Antislade court to Lyon street sewer	115 00
Paris avenue, Thomas street to Mills street	440 00

Rumsey street, near Grandville avenue to Hilton street.	\$ 860 00
Salem avenue, Home avenue to Hall street.	644 00
Twelfth avenue, South Division street to Ionia street.....	634 00
Woodmere court, Wealthy avenue to Robinson avenue	640 00
Woodworth avenue, City Hospital to Highland avenue.....	1,630 00
Total.....	\$ 45,177 00

Grade and Gravel.

Auburn avenue, Lake avenue to Hope avenue	\$ 2,400 00
Bradford street, Clancy street to North Lafayette street ...	1,463 00
Brown avenue, Division street to Buchanan street.....	4,440 00
Central street, Sweet street to Dean street.	5,365 00
Diamond street (North), Fountain street to Flat street	9,730 00
Diamond street (South), Cherry street to Wealthy avenue.	6,020 00
Fifth avenue, Kalamazoo avenue to Fifth avenue	1 820 00
Garden street, Jefferson avenue to Madison avenue.....	1,690 90
Laurel street, Grandville avenue to Oakland avenue.	1,700 00
Sibley street, Big Ditch to Valley avenue.....	1,680 00
Sweet street, Colt avenue to Plainfield avenue	2 240 00
Warren avenue, Cherry street to Buckeye street.....	2 390 00
Woodmere court, Wealthy avenue to Robinson avenue ...	2 830 00
Total	\$ 43,830 00

Brick Paving Rolls.

Canal street, Bridge street to Newberry street.....	\$ 23,710 00
Newberry street, Canal street to end of Sixth street bridge	1,000 00
New England place, Canal street to canal bank.	890 00
Total	\$ 25,600 00

Asphalt Paving Rolls.

Canal street, Pearl street to Bridge street.....	\$ 18,971 00
Sheldon street, Fulton street to First avenue	37,470 00
Total	\$ 56,441 00

Macadam Paving Roll.

Canal street, Newberry street to Coldbrook street	\$ 10,270 00
--	--------------

Tar Concrete.

Crescent court, Crescent avenue to Bridge street alley... ..	\$ 560 00
--	-----------

Recapitulation.

Rolls	No.	Amount Assessment
Sewer rolls.	16	\$ 45,177 00
Brick paving rolls.....	3	25,690 00
Asphalt paving rolls	2	56,441 00
Macadam paving roll.....	1	10,270 00
Tar concrete paving roll ...	1	560 00
Grade and gravel rolls	13	43,830 00
Total...	36	\$ 181,968 00

The cost of making the local improvement assessment rolls for the year 1900 in this office was \$1,522.50.

Respectfully submitted,

FRED B. ALDRICH,

FRED SAUNDERS,

FRANK W. BALL,

Board of Assessors.

REPORT OF CITY MARSHAL.

CITY MARSHAL'S OFFICE,
GRAND RAPIDS, MICH., April 27, 1901. }

To the Honorable Mayor and Common Council:

GENTLEMEN—I herewith submit the annual report of my office from April 24, 1900, to April 27, 1901.

Number of Notices Served.

For rebuilding and repairing sidewalks.	4,608
Certified copies of resolutions	162
For obstructions and encroachments	105
For trimming trees	371
To remove sand and clay from walks	349
Complaints received by phone and attended to	3,994
Moving permits issued.	27
Total.	9,016

Sidewalks built of tar concrete, 24,503 square feet at 4½ cents	\$ 1,102 63
Sidewalks built of stone concrete, 386 square yards at 85 cents	328 07
Approaches built of tar concrete, 18,118 square feet at 4½ cents	815 29
Approaches built of tar concrete, 60 square feet at 4 1-6 cents	2 50
Approaches built of stone concrete, 2,062 4-9 square yards at 85 cents	1,759 74
Approaches built of stone concrete, 32 4-9 square yards at 90 cents	29 90
Approaches built of stone concrete, 78-9 square yards at 81 cents	6 39
Tar approaches, recoated, 448 square feet at 2½ cents	11 20
Filling for tar concrete walks	107 60
Filling for stone concrete walks	3 50
Pitch filling for stone concrete approaches	6 00
Stone wall built per contract	100 00
Sewer service connections made per contract	315 65
Abating nuisance	2 45
To removing poles, West Bridge street	4 50
To building approach, Bridge street bridge	25 32
To removing trees from street	23 00
Total	\$ 4,636 04

Patrolling and Repairing.

	FEET.	
Lumber on hand April 24, 1900	2,196	
Lumber bought during the year	71,000	
Total feet	73,196	
Strips bought and used, in feet	60,000	
Lumber bought, amount in money	\$ 1,101 93	
Strips bought, amount in money	180 00	
Nails and hardware bought	137 73	
Labor, four patrolmen	1,578 15	
Two street signs at 25 cents	50	
Total	\$ 2,998 31	
Amount collected by me from all sources, for sidewalks, nuisances and water service rolls	\$ 408 55	
For sale of lamps and posts	9 00	
Total	\$ 412 55	

Cost of Repairing, Putting up and Taking Down Booths, and Carting Same for Caucuses and Elections.

Hauling ..	\$ 53 35
Labor	252 58
Rent of stoves and chairs	94 00
Oil and hardware	38 92
Cord wood and lumber	53 50
Printing	1 25
Total ..	\$ 493 50

Salaries and Expenses.

Marshal, one year	\$ 1,300 00
Deputy marshal, one year	936 00
Assistant marshal, one year	780 00
Clerk, one year (six weeks at \$12 and forty-six weeks at \$15)	762 00
Horse feed	180 00
Postage	17 25
Total ..	\$ 3,975 25

Respectfully submitted,
 THOMAS J. GLEASON,
 City Marshal.

ANNUAL REPORT
OF THE
BOARD OF
..POOR COMMISSIONERS..
TO THE COMMON COUNCIL
OF THE
CITY OF GRAND RAPIDS
FOR THE
FISCAL YEAR ENDING APRIL 20, 1901.

GRAND RAPIDS, MICH.:
WEST MICHIGAN PRINTING COMPANY.
1901.



ANNUAL REPORT
OF THE
Board of Poor Commissioners.

OFFICE OF BOARD OF POOR COMMISSIONERS, }
GRAND RAPIDS, MICH., April 25, 1901. }

To the Honorable Mayor and the Common Council:

GENTLEMEN—We have again the honor of submitting to you this, the annual report of the Board of Poor Commissioners.

While we have pursued the same course laid down by the past administration and continued its policy, we have been called upon for relief to some larger extent than the preceding year, and such assistance was in the line of wood principally. You will notice by the report that the amount expended this year for fuel is a little in excess of last year; nevertheless the expenditures of this department, on the whole, makes a favorable showing to that of the preceding years.

We have carried out the plan of investigation adopted by the previous boards, and visited and made inquiries in regard to applicants at their homes and otherwise, from time to time, in order to keep them within bounds, as there are many who do not hesitate to impose upon us when the opportunity presents itself; we have on file in our office the history of every appli-

cant for aid, which we consider necessary for record and future reference for those having this department in charge.

Wood.

We again contracted with a local firm for two thousand five hundred cords of 16-inch beech and maple wood at \$1.55 per cord, delivered on track (five cents more than last year); in this deal we were fortunate to secure the very best of beech and maple body wood, 90 per cent. being maple. The cost of unloading and delivering same to applicant was 40 cents per cord, five cents more than last year. We were allowed to use the same yard, and we know that people received their full measure. The long winter and lack of work caused an extra demand for wood.

Drugs.

We have followed the same course of purchasing drugs as our predecessors, and have purchased from several druggists in different parts of the city, and to the best advantage of this department. The advantage of this plan is readily seen, as the majority of poor people live in the outskirts of the city, and the convenience to them is considerable, since very often the medicine is wanted at once. The cost of medicines compared with last year is a little in excess, but as you will notice in the city physician's report that a larger number of patients were very successfully treated in their homes, especially typhoid fever cases, instead of being placed in hospitals. We have purchased all the liquors for medical purposes direct from the wholesale liquor houses. This method works advantageously to us both in regard to quality and quantity.

Nursing.

In many of the severe cases of sickness, especially typhoid fever patients, being treated at their homes by the city physician, a nurse was required, and the expense of such nursing was often from seven to twelve dollars per week for four or six weeks at a time. The hospital expense this year is less accordingly.

Burials.

We again renewed the contract for the burial of city charges with W. S. Stoughton, and we have no fault to find with him. The cost of burials is a trifle in advance of that of last year, being \$13.50 for adults, \$11.50 for children, and \$9.50 for infants. This includes embalming and preparing the body, a rosewood coffin, a planed box, a covered burial wagon and one carriage; also privilege of religious service.

The amount expended by this commission for the year ending April 18, 1901, is \$16,016.56. The city has maintained in the County Home 109 persons for a total of 2,875.47 weeks at \$1.31-12 per week, \$3,841.76. Amount paid for the support of indigent persons who are residents of this city, \$16,016.56; board and care at County Home, \$3,841.76; total \$19,858.32.

You will notice a little discrepancy between the report of the disbursing officer and storekeeper in regard to the amount expended for supplies; this is to be accounted for from the fact that the storekeeper enters the purchase on his books at the time the goods are bought, while the disbursing officer enters them after the bills have been allowed and ordered paid. We append the reports of disbursing officer, storekeeper and

city physician, together with other statistical matters,
all of which is respectfully submitted.

HERMAN H. IDEMA,
JOHN HULST,
ALBERT S. DAMSKEY,

Board of Poor Commissioners.

MINA A. ANDERSON,
Secretary.

Chairman, Committee on Ways and Means:

In compliance with the law governing the board of poor commissioners of the city of Grand Rapids, I am requested under date of April 10th, 1901, to transmit to your committee estimates of appropriation needed to maintain the poor department for the ensuing year, to-wit:

One member of board, salaried..	\$ 1,000 00
Disbursing officer	900 00
Secretary and stenographer....	500 00
Storekeeper and assistant in-	
vestigator.....	750 00
City Physician	1,200 00

\$ 4,350 00

Groceries, flour, meat, etc.....	\$ 3,000 00
Clothing, shoes, etc.....	400 00
Fuel.....	6,000 00
Board and care of city charges..	1,500 00
Medicines.....	1,000 00
Hospitals and nursing	3,000 00
Transportation.....	300 00
General supplies	300 00

Burials, opening and closing graves	\$ 400 00
Incidentals	200 00
Fresh meat, milk, etc	100 00
For sodding and improving potters fields, as per bill	606 75
Sprinkling of graves for 1901...	669 42
	<hr/>
	\$ 17,476 17
	<hr/>
Total	\$ 21,826 17

Above includes \$1,276.17 for sodding and caring for graves in potters field, (Valley City Cemetery); \$606.75 being for sodding and improving potters fields in 1900, and \$669.42 for sprinkling and caring for said fields and graves therein for the coming year as per bill rendered this board by the board of cemetery commissioners.

Respectfully submitted,

BOARD OF POOR COMMISSIONERS,

President.

April 24, 1901.

Comparative statement of actual cost of disbursements April 18, 1899 to April 18, 1900, and from April 18, 1900 to April 18, 1901.

	April 18, 1900	April 18, 1901
Burials	\$ 234 90	\$ 196 30
Butterworth hospital	504 00	522 16
Board and care ..	358 64	222 85
Books and printing	68 22	31 00
Children's home	86 50	.....
Car fare	70 00	67 00
Cemetery commissioners	50 50	68 00

304 BOARD OF POOR COMMISSIONERS REPORT.

Clothing.....	\$ 27 86	\$ 38 28
Drugs	733 53	792 05
Fresh meat	23 50	6 50
Holland and U. B. A. home	1,011 90	844 00
Milk	27 75	23 60
Miscellaneous	125 06	137 46
Mdse. for supply store.....	2,015 18	2,025 71
Nursing	211 72	208 75
Office supplies.....	5 97	13 50
Shoes.....	233 15	193 75
St. Mary's hospital.....	451 00	506 61
Salary.....	4,475 47	4,369 92
Transportation	149 40	43 90
U. B. A. home and hospital	573 25	427 07
Woman's home and hospital....	143 47	105 72
Wood, 2,201 cords	4,038 55	.....
Wood, 2,271 cords .....	.....	4,468 40
	<hr/>	<hr/>
	\$15,619 52	\$ 15,312 53
	15,312 53	

In favor of 1901.....\$ 306 99

April 19, 1901.

Comparative statement for 1900 and 1901.

	April 18, 1900	April 18, 1901
Burials	\$ 214 30	\$ 201 75
Butterworth hospital	476 75	493 50
Board and care.....	399 87	228 00
Books and printing ..	67 97	37 50
Children's home.....	90 50	.....
Car fare	72 00	62 00
Cemetery commissioners	73 00	79 00

Clothing.....	\$ 18 60	\$ 38 28
Drugs	705 36	747 05
Fresh meat	34 90	6 50
Holland and U. B. A. home	967 00	844 00
Milk	43 60	23 60
Miscellaneous	136 83	137 46
Mdse. for supply store.....	1,997 99	1,867 31
Nursing	328 32	281 55
Office supplies	6 50	13 50
Shoes.....	193 15	199 20
St. Mary's hospital.....	475 00	378 55
Salary	4,475 47	4,418 26
Transportation	162 95	110 72
U. B. A. home and hospital	592 96	647 07
Woman's home and hospital....	127 35	129 30
Wood	3,866 74	5,047 46
Petty cash.....	.....	25 00
	<hr/>	<hr/>
	\$15,527 06	\$ 16,016 56
		15,527 06
		<hr/>
In favor of 1900		\$ 489 50
Accounts payable.....		500 00
		<hr/>
Reimbursed on various accts., '00..	\$ 146 82	
Reimbursed on various accts., '01.	130 24	

DISBURSING OFFICER'S REPORT.

GRAND RAPIDS, MICH., April 19, 1901.

To the Honorable Board of Poor Commissioners:

GENTLEMEN--The following families and persons have been aided during the year:

NATIONALITIES	FAMILIES	PERSONS
Jewish	1	2
French	2	8
Canadian	2	7
Italian	1	5
English	2	6
Swede	7	23
Colored	14	47
Polish	13	75
German	23	73
Irish	42	147
American	116	327
Holland	132	442
Total	355	1,162

Persons Admitted to the Kent County Home During the Year.

German..	1
Colored	1
Dane	2
Canadian	2
Swede	3

CITY OF GRAND RAPIDS, MICH. 307

English	5
Holland	12
Irish	17
American	27
<hr/>	
Total.....	70

Persons in the County Home at Present.

German.....	1
Dane	1
Canadian	2
Swede.....	2
English	4
Holland	9
Irish	15
American	25
<hr/>	
Total.....	59

Died at the County Home during the year..... 13

The city has maintained in the County Home 109 persons for a total of 2,875 4-7 weeks at \$1.33 6-10 per week; total amount, \$3,841.76.

There are at the present time twelve persons in the Holland U. B. A. Home who are city charges. Their care there was formerly arranged for by the director of the poor, and they have been allowed to remain undisturbed during our administration. In most cases the Holland churches contribute some to their support.

Receipts and Disbursements.

The following report shows the amount disbursed and received by this department during the fiscal year ending April 18, 1901:

308 BOARD OF POOR COMMISSIONERS REPORT,

Burials	\$ 201 75
Books and printing	37 50
Car fare	62 00
Cemetery Commissioners	79 00
Clothing and dry goods	38 28
Drugs	747 05
Fresh meat	6 50

Hospitals.

Butterworth hospital	\$ 493 50
St. Mary's hospital	378 55
U. B. A. hospital	647 07
Woman's Home and Hospital	129 30
Total	\$ 1,648 42

Homes.

Various homes	\$ 228 00
Holland Home	344 00
Total	\$ 572 00
Milk	23 60
Miscellaneous	137 46
Merchandise for supply store	1,867 31
Nursing	281 55
Office supplies	13 50
Shoes	199 20
Salaries	4,418 26
Transportation	110 72
Wood	5,047 46
Petty cash	25 00
Total	\$ 16,016 56

Cash Received and Turned Over to the City Treasurer.

Reimbursed on account hospitals	\$	99 50
Reimbursed on account burials		4 00
Reimbursed by sale of barrels, tea-lead, etc.		7 65
Rendering semi-annual report to County superintendents		19 09
Total.....	\$	<u>130 24</u>

Respectfully submitted,

LEONARD DE PAGTER,

Disbursing Officer.

STOREKEEPER'S REPORT.

GRAND RAPIDS, MICH., April 19, 1901.

To the Honorable Board of Poor Commissioners:

GENTLEMEN—The following is the annual report of the supply store in the care of the Board of Poor Commissioners:

Stock on Hand April 18, 1900.

2,475 lbs. flour	\$	41 06
128 lbs. pork		8 38
18½ lbs. coffee		2 23
259 lbs. sugar		12 79
227 lbs. salt		84
240 bars soap		9 24
4½ gallons kerosene		28
778 boxes matches		7 14
8¾ gallons syrup		1 40
416 lbs. rice		21 84
		<hr/>
Total	\$	105 19

Stock Purchased for the Year Ending April 18, 1901.

40,000 lbs. flour	\$	725 50
720 lbs. rolled oats		13 30
3,517 lbs. beans		112 30
5,200 lbs. meat (salt)		413 00
1,302 lbs. coffee		167 73
481 lbs. tea		147 28

CITY OF GRAND RAPIDS, MICH.

311

4,856 lbs. sugar.....	\$ 269 06
2,800 lbs. salt.....	11 80
2,640 bars soap.....	69 90
1,296 boxes matches.....	9 90
500 lbs. barley.....	12 75
328½ gallons syrup.....	54 63
2,544 lbs. rice.....	134 24
Paper and paper sac s.....	9 98

\$ 2,151 37

Less cash discount..... 6 07

Total.....	\$ 2,145 30
Cost of mdse. on hand April 18, 1900.....	105 19
Cost of mdse. purchased for year April 18, 1901.....	2,145 30

Total.....	\$ 2,250 49
Mdse. on hand April 18, 1901.....	116 25

Net cost of supplies disbursed for the year
ending April 18, 1901..... \$ 2,134 24

Cost of paper sacks and paper on hand
April 18, 1900..... 9 50

Cost of paper sacks and paper purchased
for the year ending April 18, 1901.... 9 98

Total.....	\$ 19 48
Paper sacks and paper on hand April 18, 1901.....	2 00

Net cost of paper sacks and paper used for
the year ending April 18, 1901..... \$ 17 48

Net cost of supplies disbursed for the year ending April 18, 1901	\$ 2,134 24
Net cost of paper sacks and paper for the year	17 48

Total cost of operating the store department for the year ending Apr. 18, 1901 \$	2,151 72
Cash sales of barrels, tea lead, etc.....	7 65
Total number of orders filled at the supply store, 2,003.	

Supplies on Hand for the Year Ending April 18, 1901.

3,837 lbs. flour	\$ 71 40
346 lbs. beans	10 38
59 lbs. barley.....	1 18
8 lbs. meat.....	64
5 lbs. coffee	60
10 lbs. tea.....	3 00
128 lbs. sugar.....	6 40
238 lbs. salt.....	1 00
37 bars soap	1 01
10 lbs. oatmeal.....	20
377 boxes matches.....	2 90
50 gallons syrup.....	8 50
201 lbs. rice.....	9 04
Total.....	\$ 116 24
Paper sacks and paper on hand.....	2 00

Amount of goods disbursed from April, 1900 to April 18, 1901:—Flour, 38,637 lbs; beans, 3,271 lbs; barley, 441 lbs; meat, 5,320 lbs; coffee, 1,315½ lbs; tea, 471 lbs; sugar, 4,987 lbs; salt, 2,789 lbs; soap, 2,843 lbs; oatmeal, 710 lbs; matches, 1,697 boxes; syrup, 287¼ gallons; rice, 2,759 lbs.

Salable Stock in Supply Store.

16 grain bags	\$	1 60
11 pork barrels.....		2 75
26 sugar barrels.....		1 00
10 lbs. tea lead.....		25
		<hr/>
Total.....	\$	5 60

List and Cost of Fixtures in Care of Supply Store.

1 tea can.....	\$	75
2 scoops		50
6 barrel covers		88
2 hatchets		50
4 scoops		25
1 quart measure.....		5
4 tin funnels		10
1 pork hook.....		25
1 one-quart measure and funnel		25
1 butcher knife.....		40
2 peck measures, sheet iron		50
1 potato scoop.....	1	25
1 sharpening steel.....		25
1 fruit auger.....		75
1 auger		25
10 buck saws.....		5 00
1 set Trommer scales No. 3.....	14	90
1 self-measuring syrup pump.....	4	00
4 stone hammers	2	74
1 meat scale.....	5	00
1 platform scale.....	10	00
1 saw vise	45	
1 saw set	15	
1 set counter scales (small).....		
1 syrup truck (old)		

314 BOARD OF POOR COMMISSIONERS REPORT,

1 meat cleaver.....	.....
5 100-lbs. coffee bins (B. B. P. Co.).....	.....
1 brace and bit	1 00
1 paper cutter.....	1 00

Total.....	\$	51 17
------------	----	-------

JOHN KREMERS,

Storekeeper.

CITY PHYSICIAN'S REPORT.

April 21, 1901.

To the Honorable Board of Poor Commissioners:

GENTLEMEN—I respectfully submit to your honorable body the following annual report of the office of city physician for the year ending April 18, 1901.

Total number of patients visited during the year	1,436
Number of office consultations.....	1,047
Number of visits made.....	2,442

Visits per Month.

April 18 to May 1, 1900.....	54
May.....	209
June.....	244
July.....	192
August.....	166
September.....	186
October.....	199
November.....	213
December.....	142
January, 1901.....	234
February.....	258
March.....	244
April 1 to 18 inclusive.....	101
Total.....	2,442

Office Consultations.

April 18 to May 1, 1900	44
May	79
June	75
July	70
August	63
September	85
October	72
November	80
December	52
January, 1901	98
February	159
March	127
April 1 to 18 inclusive	43

Total..... 1,047

Number of births during the year	5
Number of deaths during the year	22

Causes of Death.

Consumption	4
Cancer	3
Heart—Organic disease of	3
Typhoid fever	2
Senility	2
Pneumonia	2
Inanition	2
Bright's disease	1
Hepatitis	1
Delirium tremens	1
Perforation of the stomach	1

Total..... 22

Number of Cases Sent to Hospitals.

U. B. A. Home and Hospital	12
Butterworth	19
St. Mary's	17
Woman's Home and Hospital	4
<hr/>	
Total	52

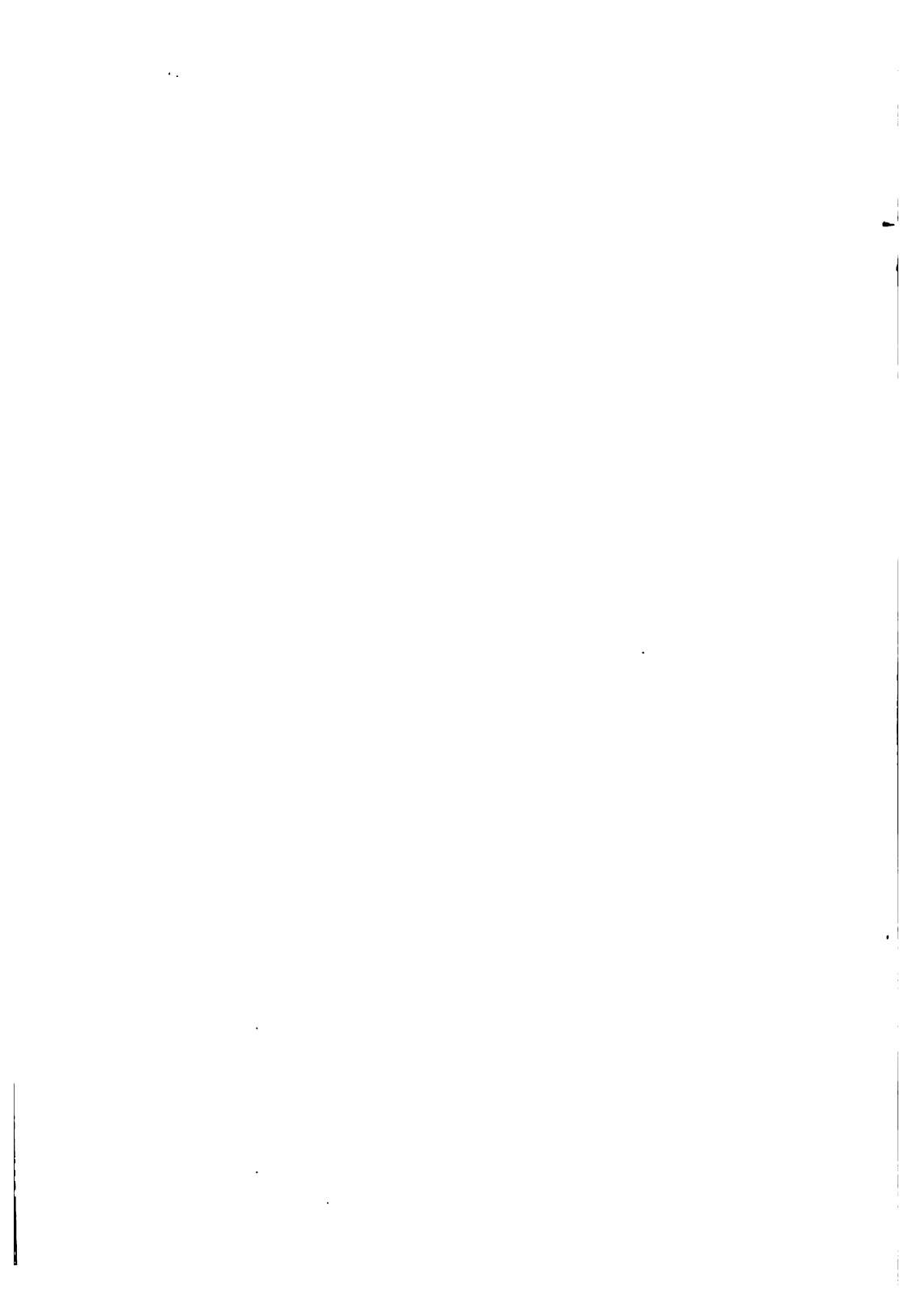
Inventory of Dispensary.

Stock on hand April 18, 1900	\$	97 53
Stock purchased as per disbursing officer's report		747 05
<hr/>		
Total	\$	844 58
Stock on hand, including instruments, med- icine case, etc., April 18, 1901	\$	68 34
<hr/>		
Total expense for year ending April 18, '01	\$	776 24

Respectfully submitted,

UILKE DE VRIES,

City Physician.



ANNUAL REPORT

1900-1901

BOARD OF HEALTH

CITY OF GRAND RAPIDS.

BOARD OF HEALTH:

CHARLES W. CALKINS, *President of the Board.*

JOSEPH POPOSKEY, M. D. MALCOLM C. SINCLAIR, M. D.

HON. GEO. R. PERRY, *Mayor.*

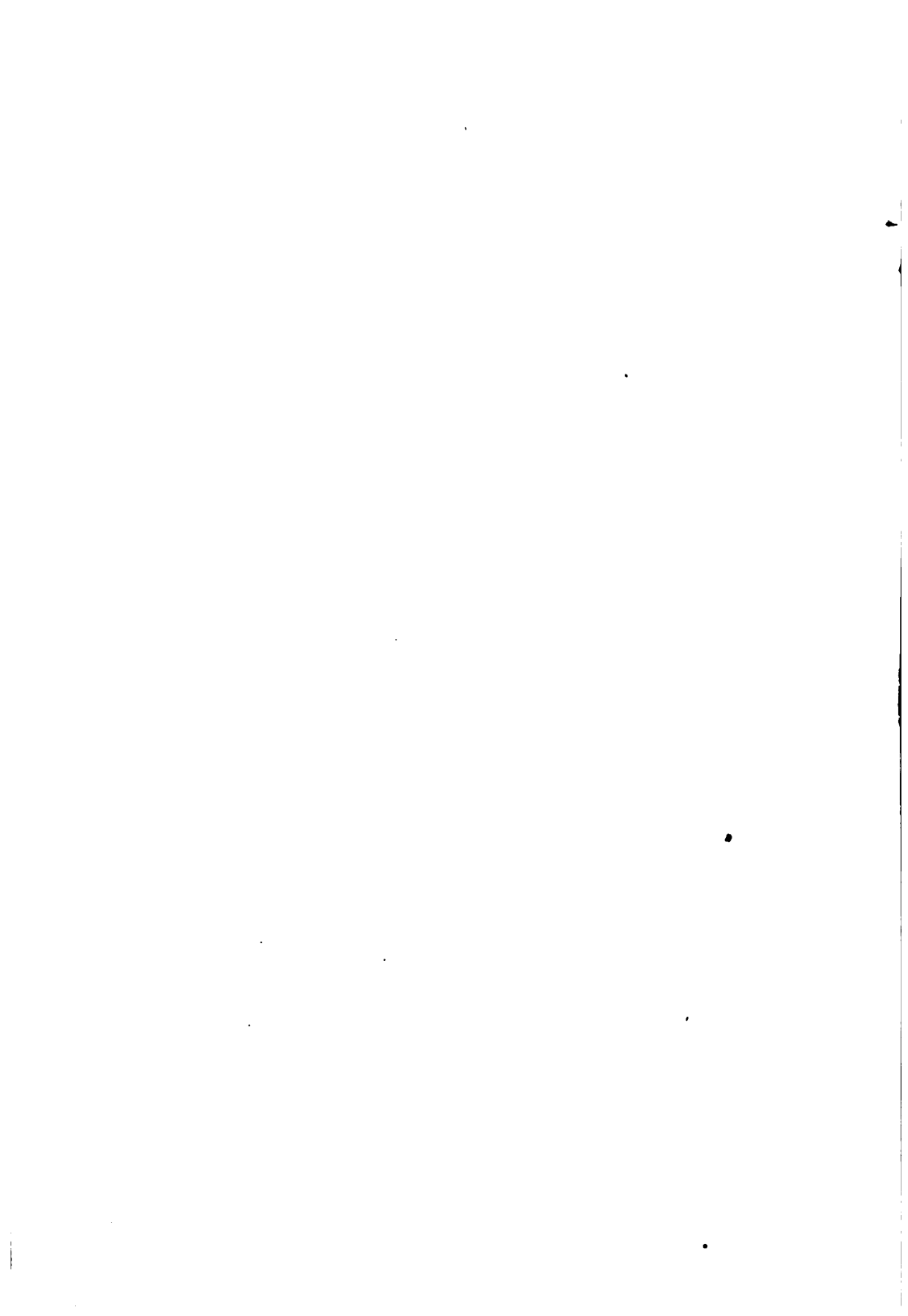
THOMAS DORAN, *President of Council.*

WILL DeLANO, M. D., *Health Officer.*

W. A. WILSON, M. D., *Secretary.*

GRAND RAPIDS, MICH.:
WEST MICHIGAN PRINTING COMPANY.
1901.





ANNUAL REPORT
OF THE
BOARD OF HEALTH

FOR THE YEAR 1900-1901.

GRAND RAPIDS, MICH., April 15, 1901.

To the Honorable Mayor and Common Council:

GENTLEMEN—In accordance with the charter of this city, and the usual custom, I herewith submit to you my annual report of the work done in the Health Department for the past year, together with such suggestions as I believe would result in bettering the service of the department and keep us in line with the progressive cities of our class in the country.

Inspection of Meat, Milk and Food Products.

The rigid inspection of food products I deem a matter of great importance, and it has been an aim of this department to have inspections at frequent intervals of all markets, both premises and stock, which inspection has been productive of good results.

The ingestion of tainted and unwholesome food is a known source of our most fatal diseases, and it should be an important branch of the work of a municipal health department to render impossible the offering for sale in

market of food products that are not known to be pure and fresh.

Along this line much remains to be done, as inspection as now practiced is merely ocular and of necessity superficial. A bill has been introduced during the present session of the state legislature requiring the tuberculin test to be made annually of all cattle. This is a move in the right direction, and it is hoped that the bill may receive the support that it deserves.

When we consider the appalling death rate each year from tuberculosis, or consumption, the disease which kills annually more people in this State than any other disease, and when we consider that it is a disease, to a large extent, preventable by sanitary precautions, and when we consider that our beef, butter, milk and cheese, four articles of diet in general use, may, and often do, come from cattle afflicted with tuberculosis, it is very apparent that a law which will compel the testing of such cattle by a well known and reliable test, and which, if in operation, would surely cut off some of the avenues of approach of this dread destroyer, consumption, should have the cordial support, not only of sanitarians, but of all thinking and intelligent people.

I herewith submit the report of Milk Inspector George F. Richardson on the work of his office for the year as follows:

“ There have been 517 licenses issued to milk dealers, as follows:

“ For wagons, 231; for cans, 218; for stores, 53; other places, 15.

“ Three hundred and sixty-five of these licensed dealers are located within the city. About 225 of these city dealers keep one or more cows. I have conducted

ten tuberculin tests during the year with no reactions. During the year there have been made in all 880 tests.

"These samples have in nearly all cases been taken from the wagons of cans directly from the delivery can. Of these tests 360 have shown 4 per cent. or more of butter fat, 463 between 3 and 4 per cent., and 27 below 3 per cent.

"On my complaint seven dealers have been arrested and convicted for selling impure and adulterated milk.

"Many dairies are now provided with milk houses, where the milk is strained and cooled.

"Aerators are used more and preservatives much less than formerly.

"I notice with each year marked improvement in general conditions connected with milk production and distribution."

Sanitary Inspection.

During the spring and summer of 1900, as has usually been the custom in this department, the force of sanitary inspectors made a house to house canvass of the city, and I have to report that the results of such inspection the past year were very satisfactory.

The total number of sanitary inspection orders served was 7,616. In response to these orders there were up to April 12, 1901, 306 sewer connections made, 5,500 vaults cleaned, the garbage company collecting 20,522½ barrels of night soil, each containing 400 pounds. Also in response to these orders a great many general nuisances were abated.

In addition to the house to house inspections, careful attention was given to the special complaints received, as many are, each day, by telephone. There were during the year, 1,206 of these special complaints.

Each one of these specials has been carefully investigated and necessary orders served for the abatement of the various nuisances which gave rise to the complaints.

From the house to house canvass we get complete reports of the sanitary condition of each piece of property, and these reports are filed and become a part of our office record for ready reference at any time that it is desired to look up any special piece of property.

In this connection I desire to call your attention to the necessity of the passage of an ordinance regulating the construction and management of vaults.

There is such a large proportion of non-sewered streets in our city that the inhabitants of the outlying portions of the city must for many years depend upon vaults. This being so, it is important that the health department should have a control over the location and construction of these vaults.

At this time any property owner can build a privy vault upon his premises in any location and construct it in manner agreeable to his individual convenience and ideas.

The evils accruing from this arrangement are many. In the first place a great many vaults are constructed of wood with open joints, giving the greatest opportunity for leakage and contamination of the surrounding soil. As it is well known, we have reported in this city a good many cases of typhoid fever. It is the custom of this department to investigate all cases so reported and, if possible, trace the source of the infection.

It is also a fact that in nearly every case we find the family so afflicted using well water, and we usually find that the well in question is in close proximity to the privy vault.

These being the facts, and farthermore, it being a well established scientific fact that typhoid fever is, in nearly every case, caused by the drinking water being contaminated with human excrement, it is plainly the duty of this and all health departments to do all in their power to prevent soil contamination.

Much could be accomplished in this direction if an ordinance were passed by the common council requiring all vaults to be water tight, constructed of cement. A cement vault can be constructed nearly as cheaply as a wooden one, and with cement vaults properly cared for, cleaned and disinfected, much of the present danger would be averted.

It is my idea that every property owner not on sewer and water lines should provide a water-tight cement vault; and, farther, that each occupant of such premises should be compelled by the health department to keep on hand and use regularly some efficient disinfectant as recommended by the department.

Under the present arrangement even when a vault has been cleaned as well as possible by the scavenger, it is yet very unsanitary and unsatisfactory, for the ground for some distance around has been saturated and infected for months before and which ground saturation the vault cannot overcome.

Along this same line I believe it should be the policy of this department to strongly urge the connection of all property on sewer and water lines as rapidly as possible. Not only is this important for sanitary reasons, but, in justice to those who have made such improvements, and should not be forced to submit to the nuisance of non-connected property, perhaps of their nearest neighbor.

During the year there has been to the branch of

sanitary inspection a most important addition, that of inspection of plumbing.

The common council passed an ordinance creating the office of plumbing inspector, the ordinance specifying that he was to work under orders from this department. Acting according to the intent of the ordinance, this matter of plumbing inspection has been taken up systematically, rules formulated and printed, which are now being complied with, and which compliance is already making strides toward securing only sanitary plumbing in this city.

The plumbing inspector, Mr. Thompson, who commenced work about December 1, 1900, has made, up to and including April 15, 1901, 497 inspections. The rules were adopted by this department on March 2, 1901, and approved by the common council on March 4, 1901.

From April 1 to April 15, inclusive, 60 permits have been issued under these rules, and the amount collected as fees for such permits during that time is \$51.48.

The value to this city of systematic plumbing inspection, and rules governing material and workmanship can not be estimated, but time will show a vast improvement in sanitary conditions resulting from such regulations.

Bacteriological Laboratory.

The work in this branch of the department has been very satisfactory during the past year. During the eleven months ending April 1, 1901, eighty-four examinations were made on order of the health officer for the purpose of verifying diagnosis.

I would here strongly urge the importance of our increasing the equipment of our laboratory so that we

can make thorough chemical and bacteriological examinations of water and milk.

Out of 155 cases of typhoid fever occurring in this city during the last year nearly every case was a user of well water.

This is a very significant fact, as it is a scientific fact that more cases of typhoid fever are caused by the contamination of drinking water than all other causes combined.

This being the case it seems to me to be our duty to so equip ourselves that we can make a thorough chemical and bacteriological examination of the water in use on the premises where every case of typhoid fever exists.

It is an easy matter to determine by simple chemical tests whether organic matter is present in drinking water in sufficient quantity to render it unfit for domestic use, but in order to determine, beyond peradventure, that the use of certain water is the cause of typhoid fever in given cases requires a more extended analysis than we are able to give with our present equipment.

The necessary apparatus, however, can be added at a moderate cost to our laboratory equipment, and the result of knowing absolutely in those cases would be very satisfactory to the department, and certainly a very important step in the advancement of good sanitation.

Water Supply.

No question is of greater importance to a municipality than that it should have an abundant supply of pure, wholesome water.

While in our city we have an abundant supply of water, its quality is not all that could be desired,

although better than that furnished or supplied to many cities.

The question of a water supply has been and is now being agitated, and we hope conclusions may be reached which will result in our being furnished with an abundance of pure water.

As now situated, however, with the intake located as it is, I would strongly recommend the construction of a sewer in Canal street, from Howland street north to the city limits, thereby taking care of that district and the sewerage (of large manufacturing institutions) that now pollutes the river only a short distance above the intake.

The construction of such a sewer would also serve as an outlet for all the streets running east and west between Sweet street and the north city limits, streets that never can be sewered in any other way.

City Hospital.

The city contagious disease hospital, located at 639 South East street, has, during the year just passed, cared for 39 patients as follows:

Smallpox	23
Smallpox suspects.....	4
Scarlet fever.....	6
Impetigo cont	2
Measles	1
Cases obliged to go because of house being closed...	3

The thirty-nine people were cared for a total of 826 days at a cost for board of .50 cents each per day, or \$413.

The developments of the past year have shown conclusively the need of certain added facilities for the care of cases of contagion which go to our hospital.

For instance, we are not situated well for caring for a variety of contagion at the same time. This has been forcibly illustrated several times during the year when we have had for instance smallpox and smallpox suspects to detain, or smallpox and scarlet fever cases at the same time.

It is a manifest injustice to put a suspect in a hospital (with no facilities for isolation better than ours) with a case of smallpox. We have during the year separated two rooms in one corner of the building and provided an outside entrance to the rooms so separated, and in this way have managed to get along.

If we could have constructed a building separate from the hospital for the care of smallpox exclusively, then, with the present isolated rooms we would be well equipped.

Such a building need be neither large nor expensive. Further I would recommend, that as soon as possible the plumbing in the hospital be repaired, the wood work and walls all painted, and each room furnished with a full equipment of necessary furniture, bedding, linen, etc.

During the early part of the year we had a great deal of trouble with the cess-pool, which trouble has, however, since been remedied by connection with the Woodworth avenue sewer, recently constructed.

Contagious Diseases.

One of the most important branches of the work of this department is the care of contagious diseases. During the year just passed there have been reported to this department 990 cases of all forms of contagion. This is a low number, but it is a remarkable fact that of this number 538 cases have been of the more severe

forms of contagion, for which this department imposes a quarantine.

While the year before shows a total of 2,757 cases, there were only 270 cases of diseases requiring quarantine, less than ten per cent.; we find that the present year, with 900 cases of all forms of contagion, 538 of them, or over fifty-four per cent., were cases of the diseases for which we quarantine, viz: Smallpox, scarlet fever, diphtheria and membranous croup. During the year we quarantined for contagion 560 houses.

Smallpox.

At the opening of the municipal year we had on hand three (3) cases of smallpox. There were reported during the year twenty-seven (27) cases, making in all a total of thirty (30) cases.

It has been an aim of this department to leave not a stone unturned to keep this much-dreaded disease from us as thoroughly as possible, and in order to do that we followed along the lines of vaccination, isolation and fumigation very rigidly. At the time of the excitement due to smallpox last spring we strongly urged general vaccination and offered free vaccination of school children of indigent families, with the result that many thousands were successfully vaccinated, and the beauty of the result was demonstrated in the fact that on July 16th we discharged the last case of smallpox of the spring epidemic.

From that time until November the city remained free from smallpox. Since November we have had nine cases from six distinct and separate outbreaks, and the last case is now ready to be released from the hospital, leaving the city again free from smallpox.

That we are most fortunate must be admitted, for

smallpox is reported on April 15th, 1901, as being present at 102 places in the State of Michigan.

The rigid precautions taken in this disease have contributed very largely to the increase in the expenditures of this department for the past year. Our office expense was increased by the cost of vaccine and vaccination in the months of June and July last \$375, and by the cost of formaldehyde for fumigating during the year \$300.

The cost to guard smallpox houses was \$909.95, and the cost for board, nursing and care of patients and for supplies furnished for quarantined families by reason of smallpox was \$3,778.09, making a grand total for smallpox, exclusive of vaccination, of \$4,688.04.

However, we feel that under all the circumstances we have gotten through the pest even more cheaply than we could well expect.

Scarlet Fever.

During the year there has been reported to the department 374 cases of scarlet fever. A rigid quarantine has been imposed in all cases for at least 21 days, and longer if the signs of the disease had not all disappeared in that time.

Of the families quarantined it has been necessary for this department to care for 53 families. The total expense of such care for medical attendance, nursing, board and supplies, has been \$1,127.62.

The epidemic of scarlet fever started about the 1st of September, and during the remainder of the year cases were reported at an average rate of about 75 per month.

A curious fact in connection with this epidemic was that of all cases reported fully one-half, or 50 per cent.

were in the Sixth and Seventh wards, and in quite close proximity to the "Big Ditch," or open sewer, which spans the west side from north to south.

It is an earnest hope of this department that proper steps may be taken without delay looking toward doing away with the "Big Ditch" or converting it into a sanitary sewer. It is my opinion that there is no measure of sanitary work which would contribute more to lasting benefit to the entire city.

Diphtheria and Membraneous Croup.

There were reported of the above diseases 137 cases during the municipal year now closing. And in each case the usual rigid quarantine was maintained.

Of the families quarantined it was necessary for the department to support 22 families at a cost for medical attention, nursing and supplies of \$379.88.

In all cases of these diseases where possible, cultures were made, and if any possible doubt existed the diagnosis was verified by bacteriological examination.

Of the other forms of contagion, typhoid fever has in each case been investigated with a view to arriving at the cause of the disease, and the general sanitary condition in these cases carefully looked after.

After deaths from consumption houses have been fumigated. During the year fumigation with formaldehyde has been the practice in nearly all cases, and aside from the increased expense, formaldehyde has been much more satisfactory than any other method of fumigation.

It is the method in use by the Health departments in nearly all cities at the present day.

Garbage.

The year at the crematory has been most successful and satisfactory. We have burned during the year 10,855 tons of garbage, 25 horses, 6 cows and 233 dogs. The total cost to run the burner, including all repairs, fuel and salaries has been \$4,234.39, or an average of 38 cents per ton. That the relative cost of burning garbage decreases as the amount burned increases is well shown by the comparative statement of this year with last. We estimate that three times as much garbage has been consumed this year as last, while the increase in total cost to run is only \$272.28 over last year and this amount is more than eaten up by the increase in the repair bill.

While the result at the garbage burner has been most satisfactory, from a financial point of view, during the past year, I desire in this connection to say that I believe the cost of cremation could be still further materially reduced. If we prepared for market and marketed the ashes derived from cremation.

These ashes are rich in phosphates and are known to possess undoubted value as a land fertilizer.

Then too, the cost of preparing them for market is slight, all that is necessary to do being to sift them and to keep them dry.

I have conducted some correspondence with cities having garbage disposal plants similar to ours, and having a class of garbage similar to ours, and I find that in some places they market these ashes at a price as high as \$7.50 per ton.

We derive one ton of ashes from about 25 tons of garbage. This would in the busy season yield at least two tons of ashes per day.

The cost of an extra man to handle the ashes and

the cost to market them could not be much in comparison to the revenue to be derived from the sale of them, and I fully believe that such sale would very materially lessen the operating expenses of our plant.

The question of the permanent disposal of the night soil is one to be met in the near future.

There is a joint committee composed of the members of the committee on health of the common council and three members from this board, to devise some means for the permanent care of the material.

We are now corresponding with different cities and companies interested in this work and we hope soon we may be able to determine upon some feasible plan for such disposal.

In conclusion I desire to express my thanks to the members of this board for their co-operation with me, to the mayor and common council and to the various departments of the city for many courtesies extended, and to the employees of this department for their cordial support and valuable assistance rendered during the past year.

Respectfully submitted,

WM. DELANO, M. D.,

Health Officer.

Statistical Report.

There were 1,435 burial permits issued during the year, of which 1,263 died in the city, and 172 were brought here for burial.

Of the number that died in the city 130 were premature or still born, leaving 1,133 deaths from sickness or accident.

Of the 1,133 deaths in the city 108 were in the different public institutions, and the remainder in the

various wards as follows: First ward, 73; second, 44; third, 88; fourth, 86; fifth, 118; sixth, 145; seventh, 93; eighth, 61; ninth, 60; tenth, 91; eleventh, 91; twelfth, 66, and the public institutions were, in Butterworth hospital, 24; U. B. A. Hospital, 30; St. Mary's hospital, 20; Home for the aged, 17; Children's home, 5; Holland home, 2; contagious disease hospital, 3, and St. John's orphan asylum, 1. The social relations were, married males, 223; married females, 193; widows, 138; widowers, 60; divorced males, 2; divorced females, 1. Dividing into periods of infancy all under 2 years; childhood, from 2 to 10; youth, 10 to 20; manhood, 20 to 50, and all over 50 the decline of life, and we find in infancy, 239; childhood, 96; manhood, 300, and in the decline of life, 429.

Giving our population as 90,000, we have a death rate of 12.53 per thousand of population.

The diseases that usually give the highest death rate are: Consumption, pneumonia, cancer in its many forms, typhoid fever, diptheria, and its allied affection, membranous croup; and we add to our table for the year, 1900: From consumption, 83; pneumonia, 115; cancer, 64; typhoid fever, 26; diptheria, 7, and membranous croup, 16.

The social relations of those dying from consumption were: Married males, 17; married females, 23; single males, 20; single females, 13; divorced female, 1; widows, 4; widowers, 5, and the ages by years, from 5 to 10, 3; 10 to 20, 10; 20 to 30, 20; 30 to 40, 19; 40 to 50, 11; 50 to 60, 4; 60 to 70, 7; 70 to 80, 3, and of those dying from cancer we find married males, 5; married females, 34; single females, 1; widows, 18; widowers, 6; and the ages, from 20 to 30, 3; 30 to 40, 5; 40 to 50, 17; 50 to 60, 15; 60 to 70, 17; 70 and over, 7.

There were 1,688 births reported during the year, of which 815 were male and 873 females.

With a population of 90,000 we have a birth rate of 19.78 per thousand. While there has been a material improvement in the reporting of births, we yet feel that the record is far from complete, and we would urge all to a more strict compliance with the law, as it is the foundation of vital statistics.

There were 2,020 cases of contagious diseases reported to the department from the first of January to the last of December, 1900, and we give herewith the number of each, and the deaths from the cases so reported.

Diphtheria, 108 cases, 7 deaths; scarlet fever, 301 cases, 5 deaths; typhoid fever, 155 cases, 26 deaths; measles, 1,186 cases, 3 deaths; whooping cough, 112 cases, 1 death; chicken pox, 47 cases, no deaths; membranous croup, 39 cases, 12 deaths; cerebro spinal meningitis, 11 cases, 8 deaths; cholera infantum, 12 cases, 1 death; mumps, 2 cases, no death; consumption, 40 cases, 35 deaths, smallpox, 25 cases, 2 deaths.

Smallpox is treated in the hospital; diphtheria, scarlet fever, measles and membranous croup were quarantined by placard, but in all other cases a verbal quarantine only was placed.

The expenses of the department for the year, as per bills rendered and passed by the board, were as follows:

Office expense account for books, blanks, stationery, postage, laboratory sup- plies, etc.....	\$ 1,432 58
Care of contagious diseases.....	6,183 81
Hospital expense account.....	689 74
Inspector's account	3,769 81

Crematory expense account	4,234 39
Health Officer's salary.....	1,500 00
Secretary's salary	900 00
<hr/>	
Total.....	\$ 18,710 33

The expenditures of the department have been largely increased during the past year, and the increase was made necessary on account of the large number of quarantined cases.

The smallpox that invaded our jurisdiction early in the year was of such mild form that some of the cases were about the streets even after the eruption had made its appearance, thus making many exposures.

When an actual exposure occurred we were obliged to quarantine during the period of incubation, and many of these exposures were in families that had to be supported, thus making an expense of nearly five thousand dollars for this disease alone.

The very large number of cases of scarlet fever during the latter part of the year also caused a very heavy expenditure of money, all of which is more fully explained in the fore part of this report.

The following tables show the deaths by quarters for the past eleven years, with the social relations and ages by years; also contagious diseases reported, and deaths from cases so reported:

1890	SOCIAL RELATIONS				AGES BY YEARS														
	Married	Single	Widows	Widowers	Under 1 year	1 to 2	2 to 5	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	Over 90	Unknown	
January.....	24	54	7	4	15	7	6	6	12	8	6	7	5	7	7	3	0	0	
February.....	26	64	8	1	19	4	14	11	7	13	12	4	5	4	8	5	0	0	
March.....	23	36	8	3	6	8	10	2	4	12	9	2	7	9	5	2	0	0	
Total for First quarter.....	73	154	23	8	33	13	30	19	23	33	27	13	17	20	20	10	0	0	
April.....	27	39	9	1	11	2	6	7	7	9	11	7	4	7	4	1	0	0	
May.....	26	41	4	4	18	3	6	6	2	13	4	2	2	8	7	4	0	0	
June.....	19	27	6	2	11	5	1	0	4	6	7	3	4	2	6	4	0	0	
Total for Sec- ond quarter..	72	107	19	7	40	10	13	13	13	28	22	12	10	17	17	9	0	0	
July.....	21	63	6	3	38	4	6	3	5	6	4	8	6	8	2	3	0	0	
August.....	26	108	6	3	64	17	2	9	8	9	11	5	7	6	4	1	0	0	
September..	28	57	8	4	27	6	6	6	2	11	9	2	10	6	9	3	0	0	
Total for Third quarter.....	75	228	20	10	129	27	14	18	15	26	24	15	23	20	15	7	0	0	
October..	22	36	5	3	10	2	4	9	6	6	10	3	6	7	3	0	0	0	
November....	29	33	5	3	9	1	2	9	3	8	9	6	7	6	4	2	0	1	
December....	21	46	9	3	14	3	7	9	3	9	10	5	5	5	5	3	0	0	
Tot. for Fourth quarter.....	72	115	19	9	33	6	13	27	12	23	29	14	19	18	12	5	0	1	
Total for year.	292	604	81	34	235	56	70	77	63	110	102	54	69	75	64	31	0	1	

1891	SOCIAL RELATIONS				AGES BY YEARS													
	Married	Single	Widows	Widower	Under 1 year	1 to 2	2 to 5	5 to 10	10 to 20	20 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	Unknown	100 and over	
January.....	31	34	6	6	12	2	4	7	5	26	10	4	6	0	0	1	0	
February	39	59	6	6	24	3	2	7	6	21	10	8	7	1	0	0	1	
March.....	39	45	12	8	11	7	12	5	3	27	13	9	14	2	1	0	0	
Total for first quarter.....	90	131	24	17	47	12	13	19	14	74	33	21	27	3	1	1	1	
April.....	41	59	6	6	19	9	11	7	3	30	5	15	10	3	0	0	0	
May.....	35	28	7	10	11	1	5	3	5	27	8	8	5	5	0	0	0	
June	19	25	8	5	6	4	5	7	2	14	2	4	9	4	1	0	0	
Total for sec- ond quarter	95	112	21	21	36	14	21	17	10	71	15	27	24	12	1	0	0	
July.....	23	50	6	5	36	6	4	0	2	15	5	10	4	1	1	0	0	
August.....	31	101	4	7	64	14	5	9	4	21	10	3	7	3	1	0	0	
September....	24	93	17	4	51	15	3	9	11	19	4	13	9	3	1	0	0	
Total for third quarter	78	244	27	16	151	35	12	18	17	55	19	26	20	7	3	0	0	
October	39	63	14	4	29	7	14	3	6	29	13	10	7	2	0	1	0	
November ..	29	51	5	7	11	7	6	9	7	20	14	9	8	2	0	0	0	
December.....	39	50	8	6	16	5	7	3	3	24	13	7	12	3	0	0	0	
Tot. for fourth quarter	107	164	27	17	56	19	27	20	21	73	39	26	27	7	0	1	0	
Total for year.....	379	651	99	71	290	80	78	74	62	273	106	100	98	29	5	2	1	

1892	SOCIAL RELATIONS				AGES BY YEARS													
	Married	Single	Widows	Widowers	Under 1 year	1 to 2	2 to 5	5 to 10	10 to 20	20 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	Unknown	100 and over	
January.....	62	62	15	13	23	5	6	5	10	44	16	20	19	12	1	0	1	
February.....	32	40	10	4	17	9	3	5	6	29	9	5	6	4	0	0	0	
March.....	36	36	11	3	12	1	8	4	6	36	5	9	8	2	0	0	0	
Total for first quarter.....	130	138	36	20	51	8	17	14	22	109	30	34	33	18	1	0	1	
April.....	40	53	6	6	16	6	10	4	10	34	6	8	6	6	2	0	0	
May.....	31	46	9	2	19	4	8	6	2	31	4	5	5	5	0	0	0	
June.....	35	35	7	3	14	3	2	8	1	29	9	4	6	4	0	0	0	
Total for second quarter.....	106	134	22	11	49	13	20	18	13	94	19	17	17	15	2	0	0	
July.....	35	31	6	10	47	8	5	4	5	34	8	5	9	5	1	1	0	
August.....	33	31	5	5	53	10	7	1	4	25	9	8	3	4	0	0	0	
September.....	22	56	5	1	22	12	7	7	4	21	7	6	7	3	1	0	0	
Total for third quarter.....	100	218	16	16	122	30	19	12	13	80	24	19	19	12	2	1	0	
October.....	36	36	5	7	14	5	7	2	8	30	8	7	7	2	3	2	0	
November.....	23	38	7	2	10	4	6	5	5	24	5	4	5	1	1	0	0	
December.....	31	33	12	6	9	5	4	4	4	26	7	12	8	3	0	0	0	
Total fourth quarter.....	90	107	24	15	33	14	17	11	17	70	20	23	20	6	4	2	0	
Total for year.....	426	507	98	62	255	64	73	55	65	353	93	98	89	49	8	2	1	

1893	SOCIAL RELATIONS				AGES BY YEARS													
	Married	Single	Widows	Widowers	Under 1 year	1 to 2	2 to 5	5 to 10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	Over 90	Unknown
January	37	47	6	7	15	8	6	2	6	37	10	11	8	3	0	0	2	
February.....	24	51	13	4	19	3	4	4	11	26	1	7	7	9	0	0	0	
March.....	22	52	7	5	20	2	7	2	10	34	4	25	8	4	0	0	0	
Total for first quarter.....	83	150	26	16	54	13	17	8	27	77	15	43	23	15	0	0	2	
April.....	46	49	8	3	16	2	13	2	6	38	13	7	6	5	1	1	1	
May.....	31	53	10	9	21	4	5	8	8	35	5	7	12	8	0	0	0	
June.....	32	42	3	7	19	3	0	5	8	29	5	6	8	3	0	0	0	
Total for second quarter.....	109	144	21	19	56	9	18	15	22	102	23	20	26	16	1	1	1	
July.....	30	49	4	2	30	1	5	7	8	25	5	9	4	1	0	0	0	
August.....	25	56	4	4	57	10	12	5	4	17	7	9	6	0	0	0	2	
September.....	31	54	6	2	38	3	2	5	4	21	5	3	6	4	0	0	2	
Total for third quarter.....	86	199	14	8	115	14	19	17	16	63	17	21	16	5	0	0	4	
October.....	30	52	8	7	26	6	3	7	8	15	12	6	7	5	1	0	0	
November.....	37	49	8	5	22	2	4	2	8	33	3	10	7	7	1	0	0	
December.....	43	61	7	9	20	9	5	3	5	34	15	12	12	5	2	2	3	
Total for fourth quarter.....	115	162	23	21	68	17	12	12	21	82	30	28	26	17	4	2	3	
Total for year...	398	655	84	64	298	53	63	52	86	314	84	112	98	53	5	10	10	

1894	SOCIAL RELATIONS				AGES BY YEARS												
	Married	Single	Widows	Widower	Under 1 year	1 to 2	2 to 5	5 to 10	10 to 20	20 to 50	50 to 60	60 to 70	70 to 80	80 to 90	Over 90	Unknown	
January	27	37	8	3	17	1	4	4	5	20	3	8	6	6	1	0	
February	26	30	7	2	8	4	4	1	1	27	2	9	8	1	0	0	
March.	30	35	10	1	7	6	2	3	8	25	6	8	10	0	1	0	
Total for first quarter	83	102	25	6	32	11	10	8	14	72	11	25	24	7	2	0	
April	30	37	10	5	9	8	5	4	6	19	5	14	6	5	1	0	
May	40	40	5	1	14	4	9	4	5	27	6	6	5	6	0	0	
June.....	19	33	10	5	6	2	3	7	7	17	6	11	7	0	1	0	
Total for second quarter.....	89	110	25	11	29	14	17	15	18	63	17	31	18	11	2	0	
July.....	16	53	9	4	27	5	3	3	5	15	4	4	13	3	0	0	
August	24	71	8	4	37	14	8	0	4	19	5	7	5	6	2	0	
September.....	33	65	11	4	33	14	2	1	4	29	6	8	12	2	3	0	
Total for third quarter	73	189	28	12	97	33	13	4	13	63	15	19	30	11	4	0	
October.....	31	54	7	8	26	11	2	1	9	21	7	10	10	1	1	1	
November.....	31	48	8	4	22	3	5	5	4	27	6	4	12	3	0	0	
December.....	28	36	14	2	12	1	6	6	9	19	14	7	7	6	0	1	
Total for fourth quarter.....	90	137	29	14	60	15	13	12	22	67	27	21	29	10	1	2	
Total for year	265	538	107	43	147	73	53	39	67	265	70	96	101	39	9	2	

1895	SOCIAL RELATIONS					AGES BY YEARS													
	Married		Single	Widows	Widowers	Under 1 year	1	2	5	10	20	50	60	70	80	90	Unknown		
	Males	Females					to 2	to 5	to 10	to 20	to 50	to 60	to 70	to 80	to 90	90			
January	19	20	41	13	4	9	4	2	6	7	36	14	8	7	4	0	0		
February.....	28	18	40	14	5	14	4	5	3	0	31	11	12	12	5	1	0		
March.....	29	19	43	23	10	12	6	5	4	7	37	9	12	21	9	2	0		
Total for first quarter.....	76	57	124	50	19	35	14	12	13	14	105	34	32	40	18	3	0		
April	23	29	35	8	6	16	5	1	4	3	29	14	10	15	7	1	1		
May.....	20	18	40	5	9	15	6	4	1	4	30	9	8	4	8	1	2		
June.....	20	18	25	5	9	16	5	2	4	2	24	10	7	4	3	0	0		
Total for sec- ond quarter.....	63	65	100	18	24	47	16	7	9	9	83	33	25	23	18	2	3		
July.....	9	18	45	8	4	31	2	3	0	1	21	7	6	5	5	2	1		
August.....	12	16	60	8	1	32	9	5	2	3	16	10	6	9	4	0	0		
September	11	8	52	8	4	27	1	7	3	7	11	11	6	6	2	0	2		
Total for third quarter.....	32	42	157	24	9	91	12	15	5	11	49	28	18	20	11	2	4		
October.....	17	11	51	5	4	16	4	8	7	7	17	7	10	9	4	0	0		
November.....	19	18	37	7	5	12	1	5	6	5	30	10	9	4	4	0	0		
December.....	7	20	24	7	8	8	1	5	3	5	19	8	5	9	3	0	0		
Total fourth quarter.....	43	49	112	20	17	36	6	18	16	17	66	25	24	22	11	0	0		
Total for year.....	219	213	493	112	60	209	48	52	43	51	302	120	99	105	58	7	7		

1896	SOCIAL RELATIONS				AGES BY YEARS													
	Married	Single	Widows	Widowers	Under 1 year	1 to 2	2 to 5	5 to 10	10 to 20	20 to 30	30 to 50	50 to 60	60 to 70	70 to 80	80 to 90	Over 90	Unknown	
January	36	38	8	1	19	4	5	0	3	23	9	4	3			0	0	
February... ..	36	40	7	7	13	5	4	6	6	27	6	16	4	3		0	0	
March	34	34	9	2	11	2	2	3	9	31	7	9	3	2		0	0	
Total for first quarter.....	96	102	24	10	43	11	11	9	18	80	22	29	10	9		0	0	
April.....	30	38	11	8	5	6	3	4	9	27	6	13	9	4		0	1	
May	27	33	5	1	11	2	2	2	9	20	3	7	7	1		0	0	
June.....	23	28	4	5	18	2	3	0	6	18	5	11	3	2		1	1	
Total for second quarter.....	80	109	20	14	34	10	8	6	24	65	14	31	19	7		1	2	
July.	14	31	10	2	16	1	0	2	6	14	5	2	4	4		1	2	
August.....	31	42	6	8	30	2	2	0	3	31	7	9	8	5		0	0	
September.....	27	32	3	1	29	5	3	2	2	18	5	7	8	3		1	0	
Total for third quarter	72	128	19	11	75	8	5	4	11	53	17	18	20	12		2	2	
October.....	23	36	5	6	17	1	2	4	5	19	3	11	5	3		0	0	
November	30	25	12	6	7	4	2	3	4	18	11	6	11	6		1	0	
December.....	44	33	11	5	11	4	2	1	7	24	14	12	14	3		0	1	
Total for fourth quarter.....	97	94	28	17	35	9	6	8	16	61	28	29	30	12		1	1	
Total for year	345	433	91	53	187	38	30	27	60	259	81	107	79	40		4	5	

1897	SOCIAL RELATIONS					AGES BY YEARS														
	Married		Single	Widows	Widowers	Under 1 year	1	2	5	10	20	50	60	70	80	Over 90	Unknown			
	Male	Female					to 2	to 5	to 10	to 20	to 50	to 60	to 70	to 80	to 90					
January	20	23	31	6	4	13	3	3	2	2	37	3	10	8	3	0	0			
February.....	17	17	26	6	4	6	5	0	2	4	24	4	14	7	4	1	0			
March	20	17	47	9	5	20	3	6	4	4	94	7	14	8	7	1	0			
Total for first quarter.....	57	57	104	21	13	39	11	9	8	10	85	14	38	23	14	2	0			
April	16	10	32	8	9	8	6	4	1	11	14	7	11	8	4	1	0			
May... ..	17	17	35	6	5	7	4	7	1	8	26	8	8	9	4	0	0			
June	11	16	33	7	5	10	6	8	5	4	10	6	8	9	5	0	0			
Total second quarter.....	44	43	100	21	19	25	16	19	7	23	48	21	27	26	13	1	0			
July.....	10	14	30	12	5	8	3	1	4	5	17	6	15	6	3	0	2			
August.....	15	15	39	8	4	25	2	2	3	3	18	9	6	8	3	1	1			
September....	8	11	53	7	3	35	3	4	3	5	16	4	6	7	3	1	1			
Total third quarter.....	33	40	127	27	12	68	8	7	10	13	51	19	27	21	9	2	4			
October	11	19	45	5	9	24	3	6	4	2	23	5	8	13	0	0	0			
November.....	16	13	29	9	8	11	4	2	3	3	18	9	9	11	4	1	0			
December.....	16	13	34	11	4	14	2	3	2	3	30	8	13	7	5	0	1			
Total fourth quarter....	43	45	108	25	21	49	9	11	9	8	61	22	30	31	9	1	1			
Total for year.	177	195	439	94	65	181	44	46	34	54	245	73	123	101	45	6	5			

1898	SOCIAL RELATIONS				AGES BY YEARS												
	Married	Single	Widows	Widowers	Under 1 year	1	2	5	10	20	50	60	70	80	90	100	Unknown
						to 2	to 5	to 10	to 20	to 50	to 60	to 70	to 80	to 90	to 100		
January.	27	41	8	4	19	3	6	3	3	20	1	9	13	4	0	0	
February.	22	31	8	6	10	5	0	4	3	15	7	7	10	6	0	0	
March.	41	49	19	5	16	8	5	0	3	23	11	13	15	6	2	0	
Total for first quarter.	90	114	35	15	45	16	11	7	8	63	19	29	38	16	2	0	
April.	10	50	16	8	26	6	4	4	3	20	9	12	16	10	3	0	
May.	42	36	8	3	8	5	3	0	5	29	10	15	6	7	0	0	
June.	26	33	8	5	15	2	3	2	4	17	8	3	10	5	1	2	
Total second quarter.	108	118	33	16	49	13	10	6	12	66	27	31	32	22	4	2	
July.	19	30	9	4	11	4	2	2	6	16	2	8	7	4	0	0	
August.	18	50	8	2	23	2	1	2	7	18	2	8	4	2	0	0	
September.	27	48	6	5	29	4	1	2	8	19	6	8	7	1	1	0	
Total third quarter.	64	128	23	11	73	10	4	6	21	53	10	24	18	7	1	0	
October.	31	28	10	5	13	0	3	2	6	22	5	10	8	6	0	0	
November.	33	33	15	5	10	4	2	2	9	22	7	10	13	6	2	0	
December.	27	29	10	8	13	2	5	2	2	19	5	12	10	3	2	0	
Total fourth quarter.	91	90	35	18	36	6	10	6	17	63	17	32	31	15	4	0	
Total for year.	353	450	115	60	203	45	35	25	58	245	78	115	119	60	11	2	

1899	SOCIAL RELATIONS					AGES BY YEARS													
	Married		Single	Widows	Widowers	Under 1 year	1	2	5	10	20	50	60	70	80	1940	Unknown		
	Males	Females					to 2	to 5	to 10	to 20	to 50	to 60	to 70	to 80	to 90				
January.	28	24	49	5	8	16	4	3	4	13	34	7	13	10	10	1	0		
February.	28	29	67	19	8	24	6	8	6	5	39	13	19	19	6	2	2		
March.	21	26	73	12	4	30	8	11	4	6	34	15	20	12	5	0	0		
Total first quarter.	77	89	189	36	20	70	18	22	14	23	107	35	52	41	21	3	2		
April.	19	23	51	7	3	13	8	2	5	12	34	3	13	8	5	0	0		
May.	13	15	32	9	7	12	4	1	2	5	20	7	10	10	4	1	0		
June.	12	8	31	4	5	10	6	4	1	2	21	5	5	3	3	0	0		
Total second quarter.	44	45	114	20	15	35	18	7	8	19	75	15	28	21	12	1	0		
July.	12	14	53	7	7	30	3	3	5	5	20	5	11	7	2	2	0		
August.	19	14	48	4	4	29	5	3	1	4	22	6	10	6	3	0	0		
September.	17	13	50	5	6	29	1	1	4	6	24	9	3	7	4	1	0		
Total third quarter.	48	41	151	16	17	88	9	7	10	15	66	20	24	20	9	3	0		
October.	23	14	50	8	5	20	4	6	10	3	28	11	6	6	4	2	0		
November.	21	16	34	10	7	14	1	8	2	3	26	11	12	10	6	5	1		
December.	21	10	43	12	9	12	3	8	7	5	24	5	9	15	8	0	0		
Total fourth quarter.	65	40	127	30	21	46	8	22	19	11	78	27	27	31	18	7	1		
Total for year.	234	215	581	102	73	239	53	58	51	68	326	97	131	113	62	14	3		

1900	SOCIAL RELATIONS					AGES BY YEARS												
	Married		Single	Widows	Widowers	Under 1 year	1	2	5	10	20	50	60	70	80	Over 90	Unknown	
	Males	Females					to 2	to 5	to 10	to 20	to 50	to 60	to 70	to 80	to 90			
January.....	16	25	60	15	6	21	7	12	6	11	38	13	11	11	6	1	....
February.....	21	19	37	12	7	12	7	6	3	3	30	5	10	10	8	2	....
March.....	26	19	50	11	10	13	14	4	3	8	27	5	19	11	7	5	....
Total first quarter.....	66	63	147	38	23	46	28	29	12	22	95	23	40	32	21	8	....
April.....	17	15	61	13	4	18	5	7	5	6	31	14	8	11	4	1	....
May.....	16	16	38	14	4	15	2	5	5	1	23	9	5	10	8	5	....
June.....	15	11	21	11	6	9	2	0	0	1	23	4	15	5	5	0	....
Total second quarter.....	48	42	120	38	14	42	9	12	10	8	77	27	28	26	17	6	....
July.....	19	17	34	11	4	13	3	3	4	6	15	12	14	8	4	0	....
August.....	16	10	49	11	2	26	2	1	0	3	25	9	10	9	3	0	....
September.....	14	17	45	8	2	25	5	4	2	5	19	5	5	10	4	2	....
Total third quarter.....	49	44	128	30	8	64	8	8	6	14	59	26	29	27	11	2	....
October.....	21	17	43	10	3	18	3	4	4	9	25	8	11	7	4	0	....
November.....	22	8	47	13	7	13	4	9	4	7	22	7	13	14	4	0	....
December.....	22	20	35	10	5	10	2	3	2	9	26	12	9	12	6	0	....
Total fourth quarter.....	65	45	125	33	15	41	9	16	10	25	73	27	33	33	14	0	....
Total for year.....	228	194	620	139	60	193	54	58	38	69	304	103	130	118	63	16	....

CONTAGIOUS DISEASES.

1890	DIPHTHERIA		SCARLET FEVER		TYPHOID FEVER		MEASLES		WHOOPING COUGH		CHICKEN POX		CHOLERA INFANTUM		MEMBRANOUS CROUP		CHOLERA SPINAL MENINGITIS	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January	46	12	13	2	26	1	910	0	0	0	1	0	0	0	1	0	0	0
February	62	16	23	1	8	0	137	0	1	0	1	0	0	0	5	0	0	0
March	54	9	13	0	4	1	121	1	1	1	1	0	0	0	3	0	0	0
Total for first quarter	162	37	49	3	38	1	468	1	1	1	3	0	0	0	9	0	0	0
April	18	6	17	0	13	3	137	1	0	0	0	0	0	0	0	1	0	0
May	19	8	10	0	0	0	106	1	0	0	1	0	0	0	1	1	0	0
June	9	0	6	0	1	0	24	0	0	0	4	0	0	0	0	0	0	0
Total second quarter	46	14	33	0	14	3	267	2	0	0	5	0	0	0	1	2	0	0
July	9	4	2	0	4	0	6	0	4	0	2	0	13	26	0	0	0	0
August	18	7	9	0	22	6	5	0	4	0	1	0	43	36	0	0	0	0
September	28	6	22	1	43	6	4	0	0	0	0	0	2	8	0	0	0	0
Total third quarter	55	17	33	1	69	12	15	0	8	0	3	0	63	70	0	0	0	0
October	21	10	27	1	26	6	0	0	0	0	1	0	0	1	1	1	0	0
November	30	7	28	1	28	5	1	0	2	0	3	0	0	0	3	3	0	0
December	34	10	43	1	18	3	2	0	0	0	4	0	0	1	0	0	0	0
Total fourth quarter	85	27	98	3	72	14	3	0	2	0	8	0	0	2	4	4	0	0
Total for year	348	96	213	7	193	30	763	3	11	1	19	0	63	72	14	6	0	0

*Several deaths from Cholera Infantum not reported as cases of contagious diseases.

1891	DIPHTHERIA		SCARLET FEVER		TYPHOID FEVER		MEASLES		WHOOPING COUGH		CHICKEN-POX		CHOLERA INFANTUM		MEMBRANEOUS GROUP		CEREBRO-SPINAL MENINGITIS	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January	35	7	35	0	32	2	5	0	6	0	.....	.....	0	0	2	2	..	..
February	14	5	24	3	20	4	5	0	14	0	.....	.....	0	0	0	0	..	..
March	42	9	48	5	10	7	6	0	6	0	.....	.....	0	0	0	0	..	..
Total for first quarter	91	21	117	8	71	13	16	0	26	0	.....	.....	0	0	2	2	..	..
April	16	3	32	4	4	2	12	0	18	2	.....	.....	0	0	2	2	..	..
May	11	3	33	1	19	2	28	0	25	1	.....	.....	0	0	0	0	..	..
June	18	5	38	2	4	1	85	0	24	2	.....	.....	1	0	0	0	..	..
Total second quarter	45	11	103	7	20	5	126	0	67	5	.....	.....	1	0	2	2	..	..
July	25	5	49	3	6	1	25	0	24	2	.....	.....	9	6	1	1	..	..
August	74	12	55	0	28	0	13	0	24	0	.....	.....	18	*25	0	0	..	..
September	35	13	58	2	36	10	10	0	27	1	.....	.....	3	11	0	0	..	..
Total third quarter	135	30	162	5	70	11	48	0	75	3	.....	.....	30	42	1	1	..	..
October	42	11	54	1	38	3	3	0	19	1	.....	.....	1	0	1	1	..	..
November	31	11	62	3	24	7	0	0	5	0	.....	.....	0	0	3	3	..	..
December	28	6	53	1	28	4	1	0	8	0	.....	.....	0	0	0	0	..	..
Total fourth quarter	101	28	169	5	90	14	4	0	32	1	.....	.....	1	0	4	4	..	..
Total for year	372	90	491	25	251	43	194	0	200	9	.....	.....	32	42	9	9	..	..

*Several deaths from Cholera Infantum not reported as contagious diseases.

1892	DIPHTHERIA		SCARLET FEVER		TYPHOID FEVER		MEASLES		WHOOPING COUGH		CHICKEN POX		CHOLERA INFANTUM		MEMBRANOUS CHOLERA		CHOLERA SPTAL	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January.....	11	1	27	1	9	1	0	0	4	0	2	0	0	0	1	1	0	0
February.....	13	2	22	2	11	2	4	0	3	0	1	0	0	0	0	0	0	0
March.....	7	0	12	1	66	6	3	0	0	0	3	0	0	0	0	0	0	0
Total first quarter..	31	3	61	4	86	9	7	0	7	0	6	0	0	0	1	1	0	0
April.....	15	5	28	0	57	9	3	0	1	0	8	0	0	0	0	0	0	0
May.....	25	5	24	0	24	1	5	3	3	0	14	0	0	0	2	1	0	0
June.....	12	4	27	0	7	1	8	1	5	0	6	0	2	1	2	2	1	1
Total second quarter..	52	14	79	0	88	11	16	4	9	0	28	0	2	1	4	3	1	1
July.....	5	2	19	1	5	9	1	0	5	1	1	0	8	4	0	0	0	1
August.....	13	3	16	0	15	3	1	0	14	0	3	0	22	3	0	0	2	2
September...	21	4	25	0	40	2	0	0	9	1	1	0	12	1	0	0	0	0
Total third quarter..	39	9	60	1	60	7	2	0	29	2	5	0	42	8	0	0	2	3
October.....	21	2	18	0	23	2	0	0	5	0	1	0	13	0	3	2	0	0
November...	23	7	33	1	16	1	0	0	0	0	1	0	0	0	0	0	0	0
December....	33	10	29	1	9	1	2	0	3	0	1	0	0	0	1	0	0	0
Total fourth quarter..	77	19	80	2	48	4	2	0	8	0	3	0	13	0	4	2	0	0
Total for year.	199	45	280	7	282	31	27	4	53	2	42	0	57	9	9	6	3	4

1893	DIPHTHERIA		SCARLET FEVER		TYPHOID FEVER		MEASLES		WHOOPIG COUGH		CHICKEN POX		CHOLERA INFANTUM		MEMBRANEOUS CROUP		CEREBRO SPINAL MENINGITIS		PUERPERAL FEVER		CONSUMPTION	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January...	22	6	34	1	14	2	26	0	4	0	3	0	0	0	0	0	0	0	0	0	0	0
February...	20	5	24	0	26	4	51	0	5	0	5	0	0	0	1	0	0	0	0	0	0	0
March...	21	1	15	1	46	7	31	0	12	0	19	0	0	0	1	1	0	0	1	1	0	0
Total first quarter.	63	12	73	2	86	13	108	0	21	0	27	0	0	0	2	1	0	0	1	1	0	0
April....	10	0	21	0	33	4	17	0	27	0	6	0	0	0	5	4	0	0	0	0	0	0
May.....	19	3	28	5	9	3	84	2	36	0	21	0	0	0	0	2	1	0	0	0	0	0
June.....	11	6	28	1	8	1	245	1	43	2	17	0	1	0	1	0	0	0	0	0	0	0
Total 2d quarter..	40	9	77	6	50	8	346	3	106	2	44	0	1	0	6	4	2	1	0	0	0	0
July.....	27	8	17	1	12	3	190	2	40	2	7	0	4	1	2	0	0	0	0	0	0	0
August....	10	1	15	1	24	2	40	0	48	1	1	0	32	9	0	0	3	3	0	0	0	0
September	17	2	17	0	28	3	14	0	4	0	0	0	8	1	1	1	0	0	0	0	0	0
Total third quarter..	54	11	49	2	64	8	244	2	92	3	8	0	44	11	3	1	3	3	0	0	0	0
October....	25	7	36	1	48	3	21	0	5	1	10	0	0	0	1	0	1	1	0	0	0	0
November.	13	1	20	0	56	9	86	0	3	0	36	0	0	0	1	0	1	0	0	0	0	0
December.	14	1	10	1	52	5	143	1	5	0	32	0	0	0	1	1	0	0	0	0	4	2
Total 4th quarter	52	9	66	2	156	17	250	1	13	1	78	0	0	0	3	1	2	1	0	0	4	2
Total, year	209	41	265	12	356	46	948	6	232	6	157	0	45	11	14	7	7	5	1	1	4	2

1894	DIPHTHERIA		SCARLET FEVER		TYPHOID FEVER		MEASLES		WHOOPING COUGH		MUMPS		CHICKEN POX		SMALL POX		CHOLERA INFANTUM		MEMBRANEOUS GROUP		CEREBRO SPINAL MENINGITIS		PUERPERAL FEVER		CONSUMPTION	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January	5	1	7	0	26	6	105	0	3	0	0	0	19	0	0	0	0	0	1	1	0	0	0	0	0	0
February	8	1	17	0	15	2	311	0	2	0	2	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0
March	4	0	17	0	13	1	913	4	1	0	1	0	17	0	0	0	0	0	0	2	0	0	0	0	0	0
Total for first quarter.....	17	2	41	0	53	9	1329	4	6	0	3	0	52	0	0	0	0	0	1	1	2	0	0	0	0	0
April	3	0	20	0	16	1	894	2	3	0	8	0	7	0	0	0	0	0	0	1	1	0	0	0	0	0
May	1	0	23	4	10	1	283	0	13	0	2	0	9	0	1	0	0	0	0	1	1	0	0	2	1	1
June	5	0	23	3	11	1	47	0	9	0	4	0	2	0	3	0	0	0	0	0	0	1	0	15	1	1
Total second quarter.....	9	0	66	7	37	3	1224	2	25	0	14	0	18	0	4	0	0	0	0	2	2	1	0	17	2	2
July	2	1	5	0	12	1	9	0	4	0	5	0	0	0	0	5	3	0	0	1	0	0	0	15	2	2
August	1	1	8	0	14	1	2	0	13	0	3	0	0	0	0	30	23	0	0	0	0	0	0	12	11	11
September.....	5	1	6	0	33	4	2	0	15	0	0	0	1	0	0	13	2	0	0	0	0	0	0	3	1	1
Total third quarter.....	8	3	19	0	59	6	13	0	32	0	8	0	1	0	0	43	26	0	0	1	0	0	0	30	14	14
October	18	2	9	1	37	7	1	0	42	2	0	0	4	0	0	0	1	0	0	0	0	0	0	8	0	0
November	18	3	5	0	15	4	4	0	44	0	2	0	9	0	0	0	0	1	0	0	0	0	0	4	1	1
December.. ...	21	6	15	0	12	1	10	0	16	0	49	0	17	0	0	1	1	0	0	0	0	0	0	2	0	0
Total fourth quarter.....	57	11	29	1	64	12	15	0	102	2	51	0	30	0	0	1	2	1	0	0	0	0	0	14	1	1
Total for year.	91	16	155	8	213	30	2581	6	165	2	76	0	88	0	4	0	49	28	2	1	5	2	1	0	61	17

1895	DIPHTHERIA		SCARLET FEVER		TYPHOID FEVER		MEASLES		WHOOPING COUGH		MUMPS		CHICKEN POX		SMALL POX		CHOLERA INFANTUM		MEMBRANEUS CROUP		CEREBRO SPINAL MENINGITIS		PERTUSSIS		CONSUMPTION	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January...	15	3	20	0	15	5	25	0	24	0	134	0	40	0	0	0	0	0	1	1	0	0	0	0	0	0
February..	8	2	11	1	12	2	40	0	12	0	156	0	12	0	0	0	0	0	0	0	0	0	2	1	0	0
March. ...	14	1	21	1	25	2	64	0	16	0	130	0	4	0	1	0	0	0	1	1	0	0	0	0	0	0
Total first quarter..	37	6	52	2	52	9	129	0	52	0	420	0	56	0	1	0	0	0	3	2	0	0	2	1	0	0
April.....	6	1	18	2	7	3	29	0	19	0	89	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
May	10	3	12	0	7	3	19	0	13	0	53	0	1	0	0	0	1	1	1	1	2	2	0	0	0	0
June....	3	1	8	0	8	1	11	0	0	0	12	0	2	0	0	0	1	0	1	0	0	0	0	0	0	0
Total 2d quarter..	19	5	38	2	22	7	59	0	32	0	154	0	4	0	0	0	2	1	2	1	2	2	0	0	0	0
July.....	2	0	10	0	2	0	1	0	10	1	8	0	1	0	0	0	5	3	0	0	0	0	0	0	0	0
August...	6	0	14	1	13	0	0	0	4	0	3	0	4	0	0	0	11	4	0	0	0	0	0	0	0	0
September	18	0	10	1	33	3	0	0	1	0	2	0	2	0	0	0	6	1	1	1	2	2	0	0	0	0
Total third quarter..	26	0	34	2	48	3	1	0	15	1	13	0	7	0	0	0	22	8	1	1	2	2	0	0	0	0
October....	39	4	14	0	59	4	3	0	6	0	0	0	6	0	0	0	0	6	6	0	0	0	0	0	0	0
November.	37	10	26	0	23	1	1	0	4	0	8	0	18	0	0	0	0	0	1	1	0	0	0	0	0	0
December.	38	4	20	0	18	1	5	0	4	0	15	0	25	0	0	0	0	0	1	0	0	0	0	0	0	0
Total 4th quarter..	104	18	60	0	100	6	9	0	14	0	23	0	49	0	0	0	0	8	7	0	0	0	0	0	0	0
Total, year	186	29	184	6	222	25	196	0	113	1	610	0	116	0	1	0	24	9	14	11	4	4	2	1	0	0

1896	DIPHTHERIA		SCARLET FEVER		TYPHOID FEVER		MEASLES		WHOOPING COUGH		CHICKEN POX		MUMPS		CHOLERA INFANTUM		MEMBRANEOUS GROUP		CEREBRO SPINAL MENINGITIS		CONSUMPTION		PUERPERAL FEVER	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January ...	11	0	20	0	14	0	21	0	6	0	21	0	12	0	0	0	2	1	0	0	3	9	0	0
February ..	5	2	20	1	8	1	92	0	1	0	12	0	6	0	0	0	1	1	0	0	0	9	0	0
March ...	5	3	20	0	11	2	51	1	7	0	4	0	11	0	0	0	0	0	0	1	8	0	0	0
Total 1st quarter..	21	5	60	1	33	3	164	1	14	0	37	0	29	0	0	0	3	2	0	0	4	26	0	0
April	5	0	14	1	11	1	22	0	16	0	8	0	16	0	0	0	2	1	0	0	0	20	0	0
May	1	0	6	0	9	0	64	0	2	0	1	0	6	0	0	1	1	1	0	0	2	11	0	0
June	5	0	32	0	2	1	30	0	8	3	5	0	3	0	1	2	0	0	0	1	8	0	0	0
Total 2d quarter..	11	0	42	1	22	2	125	0	26	3	14	0	25	0	1	3	3	2	0	1	3	39	0	0
July	3	0	17	0	8	0	3	0	10	0	0	0	3	0	2	2	0	0	0	1	0	8	0	0
August	0	0	5	0	14	0	1	0	8	0	0	0	0	0	2	0	0	0	1	1	0	8	0	0
September	6	1	11	0	19	0	4	0	12	0	2	0	0	0	0	1	1	0	0	1	7	1	1	1
Total 3d quarter ..	9	1	33	0	41	0	8	0	30	0	2	0	3	0	4	2	1	1	1	2	1	23	1	1
October ...	8	1	36	0	10	2	1	0	0	0	5	0	0	0	0	0	1	1	0	0	0	5	0	0
November	13	1	26	0	12	1	1	0	14	0	11	0	3	0	0	0	3	3	0	0	1	6	0	0
December ..	4	1	15	0	12	1	0	0	12	1	21	0	5	0	0	0	3	1	0	1	1	18	0	0
Total 4th quarter..	25	3	77	0	34	4	2	0	26	1	37	0	8	0	0	0	7	5	0	1	2	29	0	0
Total for yr	66	9	212	2	139	9	209	1	96	4	90	0	65	0	5	5	14	10	1	4	10	117	1	1

1897	DIPHTHERIA		SCARLET FEVER		TYPHOID FEVER		MEASLES		WHOOPIING COUGH		CHICKEN POX		CHOLERA INFANTUM		MEMBRANEOUS GROUP		CEREBRO SPINAL MENINGITIS		PUERPERAL FEVER		CONSUMPTION		MUMPS	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January...	6	1	21	1	10	2	2	0	38	0	13	0	0	0	1	1	0	0	0	0	4	11	3	0
February..	4	1	20	0	5	0	11	0	38	1	5	0	0	0	0	0	0	0	0	0	0	12	1	0
March	5	2	20	0	14	0	107	1	42	0	2	0	0	0	3	0	1	1	0	0	1	14	0	0
Total first quarter..	15	4	61	1	29	2	120	1	118	1	20	0	0	0	6	1	1	1	0	0	5	37	4	0
April.....	2	1	15	0	16	2	278	0	33	0	14	0	1	0	0	0	0	0	0	0	1	7	0	0
May.....	0	0	10	0	7	0	685	4	6	0	18	0	0	0	0	0	0	0	0	0	0	13	1	0
June.....	3	2	9	1	5	1	1479	5	8	0	13	0	1	1	0	0	0	0	0	0	0	7	0	0
Total 2d quarter..	5	3	34	1	28	3	2442	9	45	0	47	0	2	1	0	0	0	0	0	0	1	29	1	0
July.	6	2	5	0	4	0	271	1	10	0	1	0	1	1	1	0	0	0	0	0	0	5	0	0
August....	6	1	7	0	14	1	27	0	0	0	1	0	11	3	0	0	0	0	0	0	0	8	0	0
September	5	1	7	1	6	0	4	0	0	0	0	4	2	0	0	1	1	0	0	0	6	12	0	0
Total third quarter..	17	4	19	1	24	1	302	1	10	0	2	0	16	6	1	0	1	1	0	0	0	25	0	0
October...	0	1	10	0	12	0	1	0	1	0	3	0	2	2	1	1	0	0	0	0	0	9	0	0
November.	16	2	22	1	10	1	2	0	2	0	13	0	0	0	0	0	0	0	0	0	0	5	4	0
December.	12	1	15	2	6	1	1	0	2	0	22	0	0	0	2	0	0	0	0	0	1	12	0	0
Total 4th quarter..	28	4	47	3	28	2	4	0	5	0	38	0	2	2	3	1	0	0	0	0	1	26	4	0
Total, year	65	15	161	6	109	8	2868	11	180	1	105	0	20	9	10	2	2	2	0	0	7	117	9	0

1898	DIPHTHERIA		SCARLET FEVER		TYPHOID FEVER		MEASLES		WHOOPING COUGH		CHICKEN POX		CHOLERA INFANTUM		MEMBRANEOUS GROUP		CEREBRO SPINAL MENINGITIS		PUERPERAL FEVER		CONSUMPTION		MUMPS	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January. .	8	1	6	0	4	1	6	0	4	0	3	0	0	0	1	0	0	0	0	0	1	0	1	0
February..	1	0	7	1	3	0	3	0	2	0	6	0	0	0	2	0	0	0	0	0	1	0	1	0
March.....	3	0	8	0	5	2	15	0	21	0	3	0	0	0	0	0	0	0	0	0	0	0	7	0
Total 1st quarter..	12	1	21	1	12	3	24	0	27	0	12	0	0	0	3	2	0	0	0	0	2	0	9	0
April . .	0	0	5	1	1	1	11	0	10	0	6	0	0	0	0	0	0	0	0	0	0	0	1	0
May.....	3	1	5	0	5	2	50	1	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0
June.....	0	0	7	0	9	1	45	0	5	0	2	0	0	0	0	0	0	0	0	1	1	2	0	
Total 2d quarter..	3	1	17	1	15	4	106	1	15	0	16	0	0	0	0	0	0	0	0	1	1	3	0	
July.....	1	0	2	0	3	0	9	0	5	0	4	0	6	2	0	0	0	0	0	3	2	0	0	
August ...	1	1	1	0	8	3	4	0	0	0	1	0	6	3	0	0	0	0	0	1	1	0	0	
September	3	2	0	0	29	5	0	0	3	0	0	1	0	0	0	0	0	0	0	1	0	0	0	
Total 3d quarter..	5	3	3	0	40	8	13	0	8	0	5	0	13	5	0	0	0	0	0	5	3	0	0	
October....	8	1	5	0	36	1	2	0	0	0	1	0	0	0	0	0	0	0	2	2	0	0	0	
November.	10	2	8	0	31	2	1	0	1	0	12	0	0	0	1	0	1	1	0	1	0	1	0	
December.	5	2	4	0	14	0	2	0	2	0	19	0	0	0	3	3	3	2	0	1	1	7	0	
Total 4th quarter..	24	5	17	0	81	3	5	0	3	0	32	0	0	0	4	2	4	3	0	4	3	8	0	
Total year	44	10	58	2	148	18	148	1	53	0	65	0	13	5	7	4	4	3	0	12	7	20	0	

1899	DIPHTHERIA		SCARLET FEVER		TYPHOID FEVER		MEASLES		WHOOPING COUGH		CHICKEN POX		CHOLERA INFANTUM		MEMBRANEOUS CROUP		CEREBRO SPINAL MENINGITIS		SMALL POX		CONSUMPTION		PUERPERAL FEVER		MUMPS	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January...	5	0	2	0	9	2	6	0	0	0	21	0	0	0	3	2	3	1	0	0	0	0	0	0	5	0
February..	14	0	1	0	6	1	1	0	0	0	6	0	0	0	6	5	3	2	0	0	0	0	0	0	0	0
March.....	12	3	1	0	16	1	15	1	0	0	6	0	0	0	3	11	4	0	0	0	0	0	0	3	0	
Total first quarter..	31	3	4	0	31	4	22	1	0	0	33	0	0	0	12	8	19	7	0	0	0	0	0	8	0	
April.....	12	0	14	0	6	1	27	0	0	0	3	0	0	0	0	15	7	0	0	5	3	0	0	3	0	
May.....	3	0	9	0	3	0	191	0	5	0	4	0	0	0	0	8	3	0	0	1	1	0	0	0	0	
June.....	3	0	3	0	11	1	272	1	3	0	3	0	0	0	1	0	0	0	2	1	0	0	3	0	0	
Total 2d quarter..	18	0	26	0	20	2	490	1	8	0	10	0	0	0	1	24	10	0	8	5	0	0	6	0	0	
July.....	3	0	4	0	21	1	60	0	16	1	0	0	10	5	1	0	2	1	0	0	3	2	0	0	2	0
August ...	2	1	2	0	25	5	8	0	17	1	0	0	7	4	0	0	0	0	10	7	1	1	0	0	0	
September	6	0	21	1	24	1	10	0	20	0	0	6	1	2	2	4	1	0	0	22	6	0	0	4	0	
Total third quarter..	11	1	27	1	70	7	78	0	53	2	0	0	23	10	3	6	2	0	0	35	15	1	1	6	0	
October ..	17	3	14	2	33	3	9	0	15	0	5	0	1	0	12	9	0	0	0	13	5	0	0	0	0	
November.	31	1	6	0	28	3	61	0	35	1	9	0	1	1	15	2	1	0	0	14	6	0	0	0	0	
December.	17	2	14	0	3	1	166	1	45	0	10	0	0	0	10	8	1	0	0	8	4	0	0	3	0	
Total 4th quarter..	65	6	34	2	64	7	236	1	95	1	24	0	2	1	37	19	2	0	1	6	35	15	0	3	0	
Total, year	125	10	91	3	185	14	826	3	156	3	67	0	25	11	53	29	51	19	1	78	35	1	1	23	0	

1900	DIPHTHERIA		SCARLET FEVER		TYPHOID FEVER		MEASLES		WHOOPING COUGH		CHICKEN POX		MEMBRANEOUS CHROUP		CEREBRO SPINAL MENINGITIS		CHOLERA INFANTUM		MUMPS		CONSUMPTION		PUERPERAL FEVER		SMALL POX	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
January ...	21	2	17	1	11	0	183	0	57	0	8	0	4	2	0	0	0	0	0	0	5	5	0	0	0	0
February .	6	0	5	0	12	0	236	3	27	1	0	0	1	0	2	0	0	1	0	7	5	0	0	0	0	
March	5	0	5	0	9	1	387	0	11	0	14	0	0	0	2	2	0	0	1	1	1	0	0	0	0	
Total first quarter .	32	2	27	1	32	1	806	3	95	1	22	0	5	2	2	2	0	0	2	0	13	11	0	0	0	0
April	2	0	12	1	14	0	150	0	2	0	8	0	3	0	1	0	0	0	0	6	5	0	0	3	1	
May	4	1	4	0	1	0	106	0	2	0	4	0	0	0	2	2	0	0	0	2	2	0	0	13	1	
June	5	0	4	0	3	0	50	0	9	0	0	0	0	0	0	0	1	0	0	1	1	0	0	4	0	
Total sec'd quarter .	11	1	20	1	18	0	306	0	13	0	12	0	3	0	3	2	1	0	0	9	8	0	0	20	3	
July	4	1	1	0	9	0	3	0	1	0	0	0	0	0	0	2	0	0	0	2	2	0	0	0	0	
August ...	2	0	10	0	12	2	4	0	0	0	0	0	0	0	0	5	0	0	0	2	1	0	0	0	0	
September	6	1	65	2	14	1	0	0	0	0	0	0	0	1	0	4	1	0	0	6	7	0	0	0	0	
Total third quarter .	12	2	76	2	35	3	7	0	1	0	0	0	0	0	1	0	11	1	0	0	10	10	0	0	0	0
October ...	14	0	94	1	8	1	0	0	0	0	0	5	3	2	2	0	0	0	0	3	3	0	0	0	0	
November	17	2	40	0	30	1	2	0	1	0	7	0	18	6	0	0	0	0	0	1	1	0	0	1	0	
December .	22	0	44	0	14	2	3	0	2	0	6	0	8	1	0	0	0	0	0	4	2	0	0	4	0	
Total fourth quarter .	53	2	179	1	52	4	5	0	3	0	13	0	31	10	2	2	0	0	0	8	6	0	0	5	0	
Total, year	168	7	301	5	155	23	1186	3	112	2	47	0	39	12	11	8	12	1	2	0	40	35	0	0	25	2

REPORT OF BUILDING INSPECTOR.

OFFICE OF THE CITY BUILDING INSPECTOR, }
GRAND RAPIDS, MICH., April 26, 1901. }

To the Honorable Mayor and Common Council:

GENTLEMEN—I herewith submit the annual report
of my office:

Number of permits issued	569
Number of permits issued for brick buildings	39
Number of permits issued for brick dwellings	197
For repairs, alterations and barns	333
Buildings inspected	800
Buildings made safe	6
Chimneys made safe	22
Chimneys rebuilt	5
Fire escapes built	8
Smoke stacks equipped with spark burners	6
Receipts for building permits.....\$	909 50
Total value of buildings constructed	711,647 00

Respectfully submitted,

WILLIAM J. RYAN,
Building Inspector.

REPORT OF CEMETERY COMMISSIONERS.

• OFFICE OF CEMETERY COMMISSIONERS, }
GRAND RAPIDS, MICH., April 26, 1901. }

*To the Honorable the Mayor and Common Council of the
City of Grand Rapids:*

GENTLEMEN—We hereby submit for your consideration the annual statement of the receipts and disbursements of the board of cemetery commissioners for the year ending April 20th, 1901.

It may be proper also at this time to give a brief resume of some of the more important work accomplished by this board during the past year. The entrances to both Oak Hill and Valley City cemeteries have been greatly improved and now present a very handsome and attractive appearance. A large portion of the old fences on Hall street have been removed and replaced by handsome hedges and shrubbery. Several roads and driveways have been improved and macadamized, adding much to the general appearance of the grounds. The potters field and permit grounds have been greatly improved and now compare favorably with the more prominent sections. This improvement was quite expensive, as no attention had been given to these grounds for many years. A good and substantial office building has been erected in Greenwood at a cost of about \$2,500.00, and the platting and improvement of about eight acres has been completed.

On account of the lack of water facilities it will be difficult to put this land into use and some provision must be made immediately to meet this condition.

As it has been practically decided that the cemeteries with the other city departments should pay for the water used, it is absolutely necessary that provision be made in the budget to enable the cemeteries to pay their proportion of such expense, as it is impossible to do it otherwise. The city charter provides for the payment out of the poor fund for the care and improvement of the places of burial of the poor, and we earnestly recommend and urge that the necessary amount, some \$1,200.00, for the improvement made during the last year and for the care of the same during the coming year, be included in the budget.

Financial report for year ending April 21st, 1900, to April 20th, 1901, inclusive.

Valley City and Oak Hill Cemetery.

	Receipts.	Disbursements.
Quarter ending July 21	\$ 4,195 84	\$ 5,721 07
Quarter ending Oct. 27	4,713 05	3,804 90
Quarter ending Jan. 26	2,330 09	2,027 93
Quarter ending Apr. 20	1,451 57	1,192 75
	<hr/>	<hr/>
Total for year	\$ 12,690 55	\$ 12,746 65
Cash in fund, \$4,737.52.		

Greenwood Cemetery.

	Receipts.	Disbursements.
Quarter ending July 21	\$ 1,564 88	\$ 1,669 46
Quarter ending Oct. 27	1,634 95	2,496 04

Quarter ending Jan. 26	\$ 680 42	\$ 1,900 15
Quarter ending Apr. 20	690 55	487 93

Total for year,	\$ 4,570 80	\$ 6,553 58
-----------------------	-------------	-------------

Cash in fund, \$245.53.

Respectfully,

THE BOARD OF CEMETERY COMMISSIONERS.

F. E. PULTE, President.

TWENTY-EIGHTH

ANNUAL REPORT

OF THE

BOARD OF PUBLIC WORKS

TO THE COMMON COUNCIL

OF THE

CITY OF GRAND RAPIDS,

MICHIGAN,

**TRANSMITTING THE REPORTS OF THE GENERAL
SUPERINTENDENT, CITY ENGINEER,
CLERK, CHIEF INSPECTOR
AND CASHIER.**

FOR THE YEAR ENDING APRIL 30, 1901.

**West Michigan Printing Company.
1901.**



BOARD OF PUBLIC WORKS.

MAY 1, 1901.

DUDLEY E. WATERS, Prest....Term expires, May, 1901
GEO. R. PERRY, MAYORTerm expires, May, 1902
JOSEPH EMMER.....Term expires, May, 1902
O. A. BALLTerm expires, May, 1902
COREY P. BISSELL.....Term expires, May, 1903
CHARLES A. PHELPSTerm expires, May, 1903

OFFICERS.

BARNEY MEYER.....*General Superintendent*
L. W. ANDERSON*City Engineer*
WILL. J. SPROAT.....*Clerk*
ADOLPH WURZBURG*Chief Inspector*

PAST AND PRESENT OFFICERS OF THE BOARD OF PUBLIC WORKS.

PRESIDENTS.

Thomas D. Gilbert . . . April, 1873 to May, 1878.
James Miller May, 1879 to November, 1879.
George W. Thayer . . . November, 1879 to May, 1888.
George G. Briggs May, 1888 to May, 1890.
James N. Davis May, 1890 to May, 1892.
William R. Shelby . . . May, 1892 to May, 1893.
Frances Letellier May, 1893 to May, 1896.
C. G. Swensberg . . . May, 1896 to October, 1897.
Enos Putman October, 1897 to January, 1898.
Dudley E. Waters January, 1898 to May, 1898.
William T. Johnston . . May, 1898 to May, 1899.
Dudley E. Waters . . . May, 1899 to

SECRETARIES.

A. M. Warrell April, 1873 to August, 1875.
A. B. Farnsworth August, 1875 to February, 1878.
Fred A. Twamley . . . February, 1878 to May, 1900.
Will. J. Sproat May, 1900 to

CITY ENGINEERS.

E. W. Muencher April, 1873 to May, 1877.
A. C. Sekell May, 1877 to May, 1883.
H. A. Collar May, 1883 to October, 1896.
Geo. M. Ames (acting) October, 1896 to March, 1898.
Geo. M. Ames March, 1898 to May, 1900.
L. M. Anderson (acting) May, 1900 to

ENGINEERS OF PUMPING STATION.

Demetrius Turner..... May, 1874 to May, 1884.
Geo. E. Kirk May, 1884 to July 21, 1892.
E. A. Bates July, 1892 to April, 1900.
Barney Meyer April, 1900 to

**SUPERINTENDENT OF PUMPING AND
LIGHTING STATIONS.**

John L. Shaw..... July, 1899 to March 18, 1900.
Barney Meyer..... April, 1900 to

**SUPERINTENDENTS OF REPAIRS AND
CONSTRUCTION.**

Thomas Farmer, Jr... May, 1878 to May, 1880.
A. C. Sekell..... May, 1880 to May, 1883.
John Van Amberg May, 1883 to May, 1900.

INSPECTOR OF WATER WASTE.

A. Per Lee July, 1885 to May, 1900.

CHIEF INSPECTOR.

Adolph Wurzburg May, 1900 to

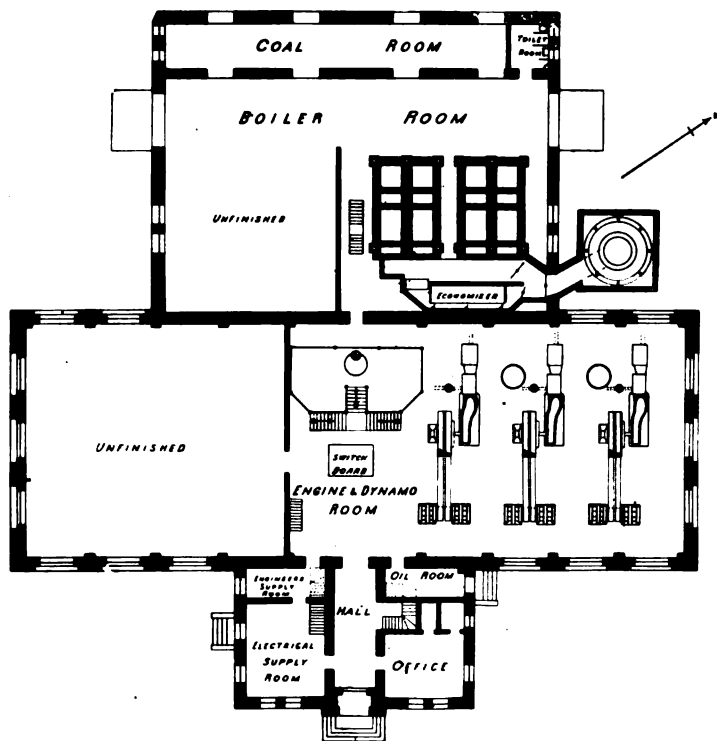
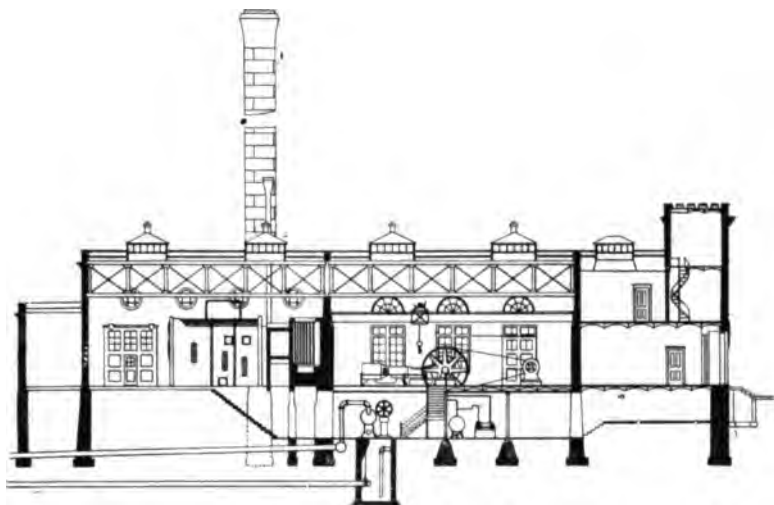
REPORT OF THE BOARD.

OFFICE OF THE BOARD OF PUBLIC WORKS, }
GRAND RAPIDS, MICH., May 1, 1901. }

To the Common Council:

GENTLEMEN—Herewith are transmitted the annual report of the clerk, the report of the general superintendent, the report of the chief inspector of the water works department, the report of the cashier, and the report of the acting city engineer, with financial statements, details and statistics showing the work done and improvements made under the direction of the board of public works during the year ending April 30, 1901.

Owing to unfortunate accidents, the cost of which has heretofore been reported, it was not a prosperous year for the water works department. As the accompanying reports will show the cost of maintenance and operation aside from the expenditures made necessary by the accidents referred to, were approximately the same as for the previous year, but less was expended for construction, the extension of mains, etc., than in the year 1899-1900. Many petitions for the extension of water mains have been received, a majority of them having been approved by the council and estimates made by the city engineer show that nearly all of the extensions asked for would yield sufficient revenue to pay from five to sixteen per cent. on the necessary investments. The buying and setting of additional meters would also prove profitable to the department in the way of stopping waste and thus save fuel by decreasing



City Lighting System—Plan and Section.

the amount of water necessary to supply the demand as is plainly shown by the following statement:

The daily average amount of water pumped in four weeks ending April 26, 1899, was 13,479,088 gallons. During the succeeding year 618 meters were installed and in the four weeks ending April 24, 1900, the daily average of water pumped was 11,858,802 gallons—a decrease of 1,620,826 gallons per day. During the past year 910 meters have been set, making the total number now in use 2103. During the four weeks ending April 25, 1901, the daily average of water pumped was 9,724,550 gallons or 2,134,252 gallons less than last year and 3,754,836 less than the corresponding four weeks in 1899.

The foregoing comparisons were made in a season of the year when the consumption is not likely to be affected by heat or cold, flood or drought and they are believed to show the effect of the use of meters more certainly than would a comparison of full years. Last summer for instance was a wet season and the comparison for the whole year may give a greater decrease in water pumped than is shown by the figures for the four weeks in each year. The reduction in the amount of water pumped not only reduces the coal bill, but relieves the strain on pumping machinery that existed a year or two ago. If the setting of meters can be resumed and continued, it will soon be practicable to do all the pumping with one pump except in times of extraordinary consumption of water. Even now the Norberg pump could supply the demand if it were connected with the high service and the Holly pump could be held in reserve. Thus it will be seen that if the board can continue to buy and set meters there will be no necessity for buying an additional pump in the immediate future.

The board is of the opinion that it would be profitable to set at least two thousand meters during the coming year.

It will be impracticable, however, to extend the mains or set meters during the coming year unless the water works fund can be replenished by appropriations or by transfers. The total income of the department for the past year as shown by the clerk's report was \$113,576.67 which is \$11,369.53 less than the previous year. The figures this year, however, more nearly represent the actual earnings than did those of the previous year, because the receipts of last year were swelled by the collection of a large amount of delinquent rates. The income for the coming year is not expected to be more than \$110,000 and after paying the expense of maintenance and operation and interest the remainder will not be large enough to wipe out the indebtedness that has accumulated on account of the unusual expenses incurred during the past year.

The reports herewith transmitted cover the first full year of operation of the municipal lighting plant. It is believed that the lighting service has been satisfactory to the people, as shown by the report of the general superintendent, the expense has been less than was estimated a year ago. It may become necessary to make some slight changes in the equipment, but there is no reason to expect any material increase in the operating expenses for the coming year, except such as may be caused by the extension of the circuits and placing of additional lights for which there are numerous requests on file with the board or in the hands of your committee on lighting.

The usual tabulated statements showing the character, cost and extent of the street and sewer improve-

ments made during the past year will be found in the report of the city engineer and your attention is respectfully called to the recommendations made by the city engineer and by the general superintendent.

Respectfully submitted,

DUDLEY E. WATERS, Prest.

JOSEPH EMMER,

ORSON A. BALL,

COREY P. BISSELL,

CHARLES A. PHELPS,

GEO. R. PERRY, Mayor.

CLERK'S ANNUAL REPORT.

GRAND RAPIDS, MICH., May 1, 1901.

To the Board of Public Works:

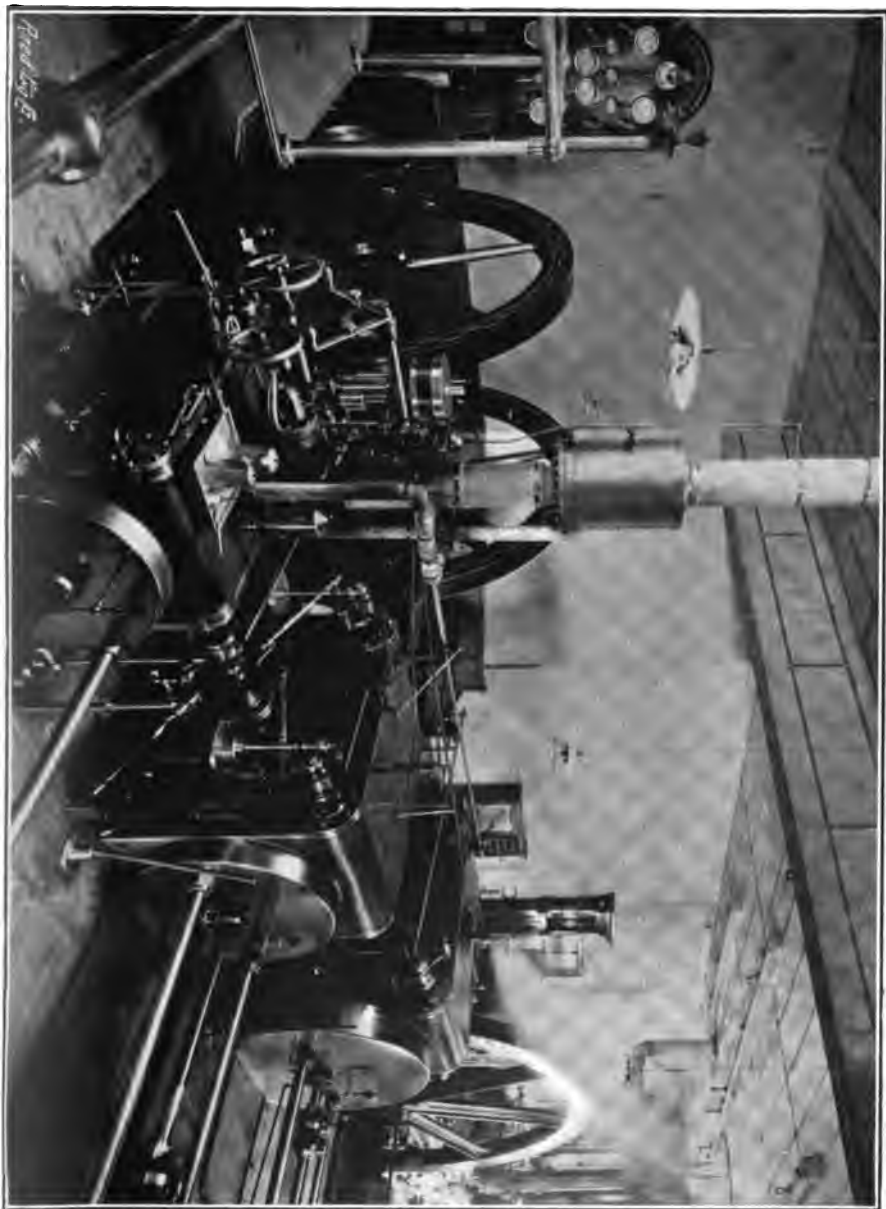
GENTLEMEN—Owing to the creation of the office of Chief Inspector, your clerk's report for the year ending April 30, 1901, is less extensive than in former years, statistics relating to permits, connections, meters, etc., having been transferred to the report from the inspector's division. The matter of total cash passing through the office, deposits, etc., will appear in the cashier's annual report, and it is thought that the three reports will show the office transactions more completely than heretofore, though it may difficult to make comparisons with previous years on account of the rearrangement of items of disbursements made by the inauguration of the new system of keeping accounts.

WATER WORKS DEPARTMENT.

Receipts.

The receipts for the water works department for the year ending April 30, 1901, were as follows:

From water rates and fines	\$ 109,981 53
From water permits.....	1,462 50
From sale of material, labor, repairs, inspector's fees, etc.....	1,802 64
From plumber's licences	330 00
<hr/>	
Total income.....	\$ 113,576 67



The Nordberg Triple Expansion Pump.

Brought forward	\$ 113,576 67
Transfers from contingent fund	30,080 22
Returned from petty cash account	100 00
Orders cancelled (January 9, 1901)	10 61
Overdrafts (April 30, 1901)	2,756 78

Total.....\$ 146,524 28

The income of the department from the beginning of collections, May 1, '74 to May 1, '00 was \$1,225,390 99

For past year 113,576 67

Total income to date\$ 1,338,967 66

CONSTRUCTION OF WATER WORKS.

Disbursements—April 30, 1900 to May 1, 1901.

Extensions and relaying of mains	\$ 7,312 81
Meters	2,628 34
Setting meters	3,892 78
Buildings and grounds	357 05
Machinery	263 60
New supplies	693 48
Miscellaneous	565 73

Total.....\$ 15,713 79

Paid previous to May 1, 1900..... 1,432,087 23

Total invested to date\$ 1,447,801 02

The \$565.73 charged as miscellaneous was mainly paid for labor that could not be conveniently classified by the general superintendent.

MAINTENANCE AND OPERATION.

1—Pumping Station.

Superintendence.....	\$ 1,925 99
Engineers	2,658 43
Firemen and coal passers	4,096 25
Extra help (including supt's clerk).....	1,800 00
Buildings and grounds.....	60 46
Engines	877 06
Boilers	993 73
Auxiliary machinery	642 08
Coal and saving of fuel	11,896 65
Oils	151 67
Wastes.....	122 92
Supplies and tools.....	1,548 35
Miscellaneous	1,137 96
Total....	\$ 27,911 55

The amount charged as miscellaneous, includes taxes for improvement of Canal street, insurance, cartage, cost of setting of hay scales, and \$445.60 paid Moulton Furnace Company on purchase of furnaces. The latter item should have been charged to boilers.

2—Distribution.

Repairing mains.....	\$ 66 33
Reading meters (by shop men).....	594 56
Repairing meters.....	716 87
Supplies and tools.	189 82
Stable	813 23
Reservoir (including cost of break).....	38,790 89
Standpipe	237 15
Fire hydrants.....	155 21
Sprinkling hydrants... ..	54 57
Valves	53 11

Services	\$ 1,178 93
Repair shop and storehouse	1,442 37
Miscellaneous	9,769 38
Settling basin.....	72 30

Total.....\$ 54,134 72

The miscellaneous division includes the damage claims and other expenses incurred on account of a break in a Canal street water main on June 23, 1900, amounting to \$9,386.06, and the amount charged to the reservoir includes \$38,017.87 paid out for repairs to streets and private property damage claims, etc., as a result of a break in the reservoir wall on July 2, 1900.

3—Office.

One-fourth of clerk's salary.....	\$ 374 24
Deputy clerk, bookkeeper and cashier.....	2,671 25
Books, blanks and advertising.....	848 24
Postage	37 55
Refunded water rates.....	139 82
Miscellaneous	610 78

Total.....\$ 4,681 88

The miscellaneous charges include cost of card index cases for filing water permits and orders, street car tickets for inspectors and collectors, expert accountant's bills, typewriter used by general superintendent's clerk, addressograph supplies, etc.

4—Inspectors.

Salaries—Chief inspector, two assistants,
two meter readers and one collector.....\$ 3,988.78

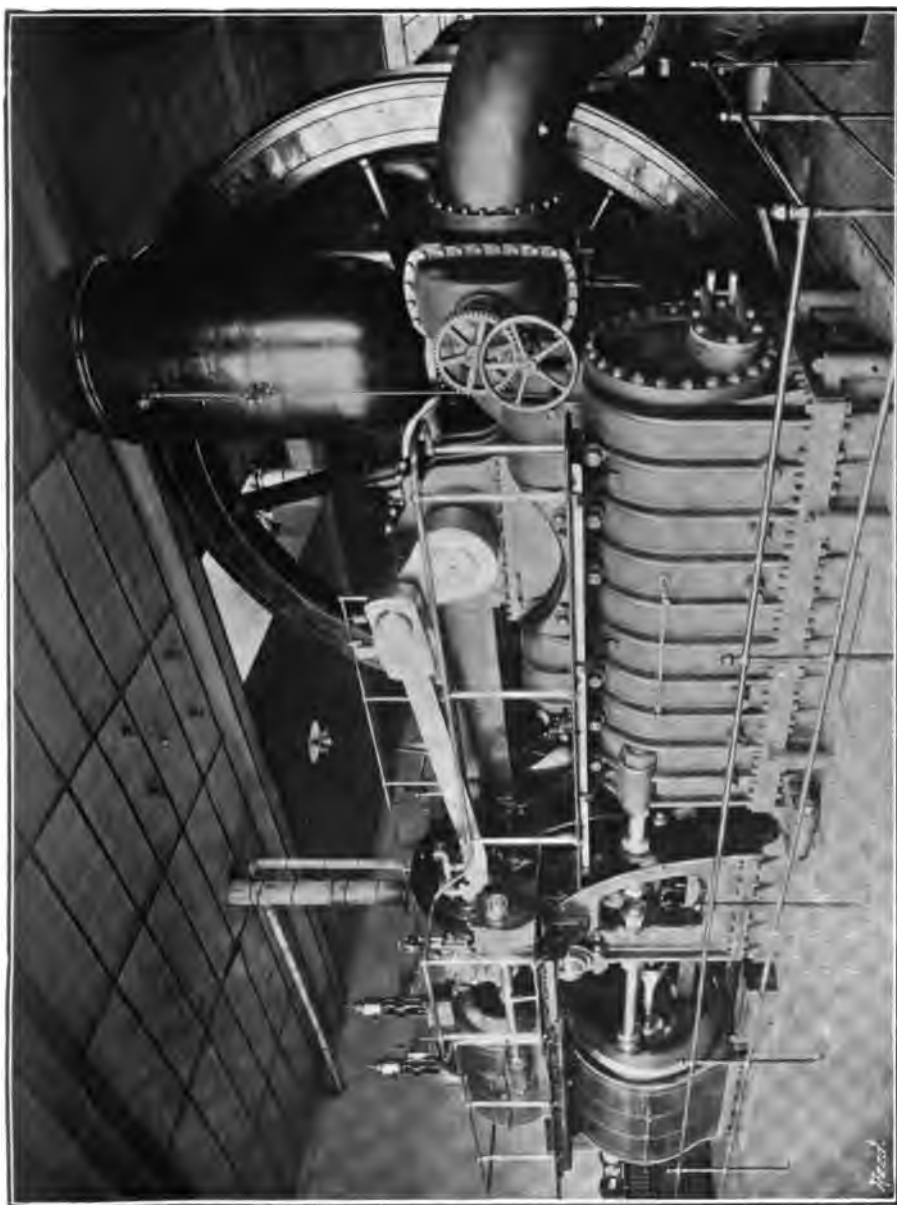
RECAPITULATION.

Pumping station	\$ 27,911 55
Distribution	54,134 72
Office	4,681 88
Inspectors and collectors.	3,988 78
<hr/>	
Total maintenance and operation	\$ 90,716 93
Construction	15,713 79
Interest and exchange	39,261 96
Overdrafts of April 30, 1900	631 60
Transfer to petty cash account	200 00
<hr/>	
Total disbursements.....	\$ 146,524 28
Total paid for maintenance and operation previous to May 1, 1900.....	\$ 632,647 12
Paid during past year	90,716 93
<hr/>	
Total to date	\$ 723,364 05

INDEBTEDNESS.

The total bonded indebtedness of the water works department is \$855,000, on which the interest amounts to \$39,125 per year, which, being payable in New York city, necessitates the payment of exchange amounting to \$136.96.

The floating indebtedness of the department consisting of bills for coal, meters, supplies, etc., that have accumulated since the break in the Canal street water main and the reservoir last summer, amounts to a total of \$24,715.20. The larger amounts in this indebtedness are held by the National Meter Company, for meters, \$12,528.05; A. Himes, coal, \$6,769.80; Leitelt Iron Works, repairs at pumping station, \$821.18; Michigan



The Holly Pump. High Pressure Service.

Brass & Iron Works, supplies, \$780.51, and Mathewson & Kloote for laying water mains in North Diamond street, \$574.79.

The Water Works department also owes the city \$30,080.22 for transfers from the contingent fund, but it is expected that this amount, or the larger part of it, will be paid by charging the city for fire protection service, for water used in parks and other public purposes for which the department has heretofore received no compensation.

The items in the expense of maintenance and operation, as reported by the clerk, can not be made to correspond with the amounts reported by the general superintendent, because the latter reports the amount of bills that he has approved, or the actual amount of supplies used, while the clerk reports the amount of bills actually paid during the year. The item of coal, for instance, is given by the clerk, at \$11,896.65, to which should be added bills unpaid amounting to \$6,769.80, or a total for coal for the year of \$18,666.45. The general superintendent reports the same item at \$17,595.06. The discrepancy is due to the fact that the superintendent had not approved the coal bills for April. As no inventory was taken last year in the pumping station and repair department, the amount of coal and other supplies on hand April 30, 1900, can not be ascertained.

LIGHTING DEPARTMENT.

In this department funds have been received, paid out or transferred without action by the board or notice to the office. Money collected by the city marshal and others, in small amounts, have been paid to the city treasurer and credited to the lighting funds, hence in

making the following statements of receipts, transfers and expenditures it was necessary to refer to the books in the office of the comptroller and the city treasurer.

Receipts.

Balances May 1, 1900.....\$ 3,110 09

Appropriations

Bond fund\$ 30,000 00
Public lighting fund. 20,000 00
Interest fund 5,000 00
Extension Fund..... 2,500 00

Total.....\$ 57,500 00
Transfers..... 1,454 90
Miscellaneous collections..... 15 06

Total.....\$ 62,080 05

Disbursements.

CONSTRUCTION AND EXTENSION.

Building and grounds.....\$ 1,626 22
Steam plant 233 69
Electric plant..... 512 97
Lines and cables 1,708 26
Poles 854 33
Lamp posts..... 108 62
Towers 32 00
Lamps..... 511 94
Miscellaneous 225 57

Total.....\$ 5,813 60

MAINTENANCE AND OPERATION.

1—Station.

WAGES.

Superintendence.....	\$ 600 00
Engineers	1,866 04
Firemen, coal passers and oilers ..	1,340 51
Electrician.....	986 30
Dynamo tenders.....	1,197 47
Trimmers and linemen.....	2,510 76

Total wages	\$ 8,501 08
Building and ground	91 16
Engines	59 32
Boilers ..	234 31
Auxiliary machinery.....	14 10
Coal.....	6,846 73
Oils	429 48
Waste.....	52 37
Dynamos..	72 46
Switch board and connections	55 25
Supplies and tools.....	881 24
Miscellaneous	732 19

Total.....\$ 17,970 19

2—Distribution.

Lines and cables	\$ 67 36
Poles	49 50
Towers	430 32
Lamps.....	97 55
Globes	504 14
Carbons	704 38

Trimming	\$	1 20
Stable		531 65
Miscellaneous		50 59
<hr/>		
Total	\$	2,436 69

3 - Office.

One-fourth clerk's salary	\$	375 00
Printing and stationery		48 48
<hr/>		
Total	\$	423 48

RECAPITULATION.

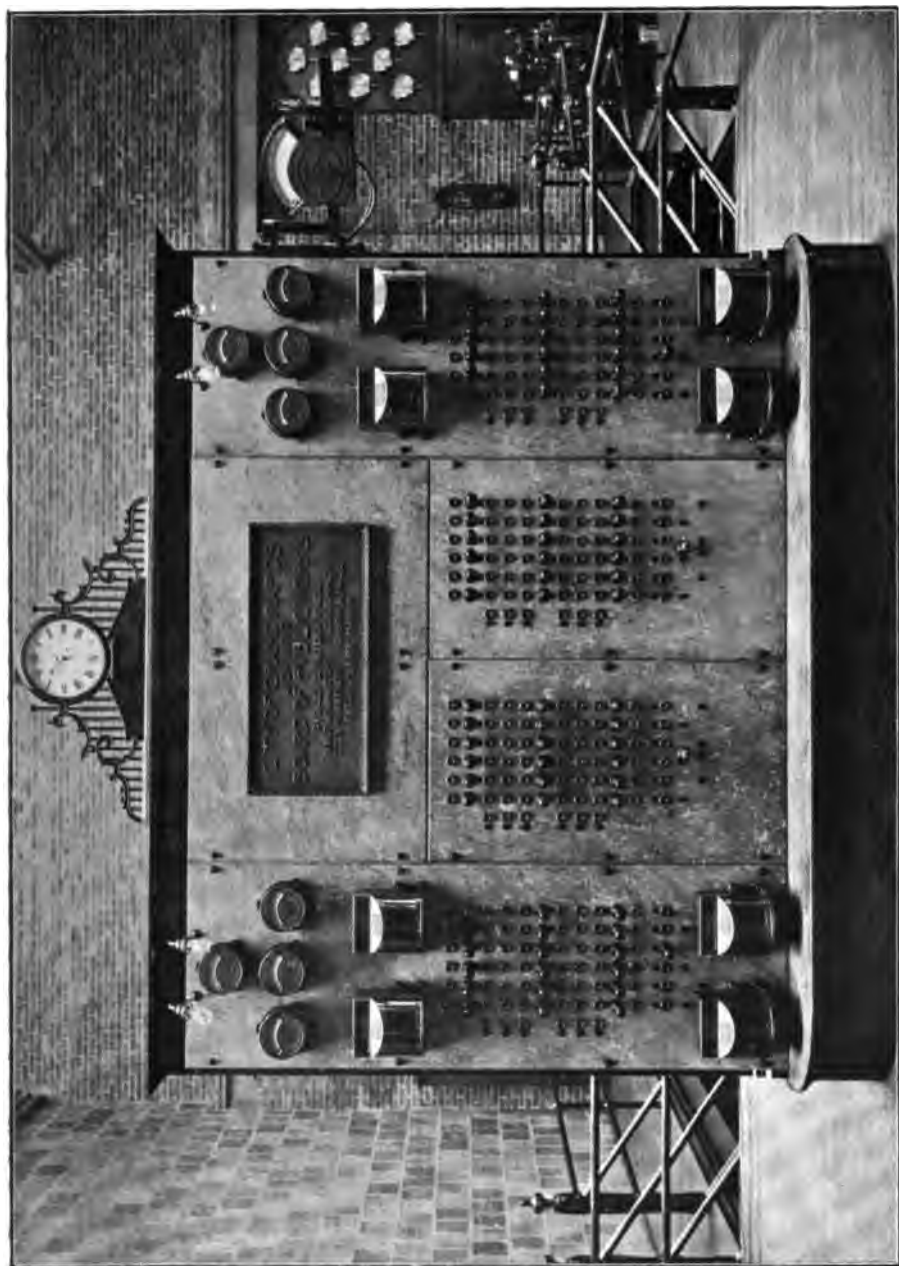
Total receipts	\$	62,080 05
----------------------	----	-----------

Disbursements.

Construction and extension	\$	5,813 60
Station		17,970 16
Distribution		2,436 69
Office		423 48
<hr/>		
	\$	26,643 93
Transferred to contingent fund		27,387 57
Paid interest and exchange		5,017 50

Balances April 30, 1901.

Construction fund	\$	1,120 36
Public lighting fund		1,910 69
<hr/>		
	\$	3,031 05
<hr/>		
Total	\$	62,080 05



City Lighting System--Switchboard at Station.

The bonded indebtedness of the lighting department is \$125,000, with interest at four per cent., payable semi-annually, in April and October. The floating indebtedness is nominal, nearly all bills having been paid on presentation. As no inventory of lighting plant supplies was taken in 1900, the discrepancies in amounts reported by the clerk and the general superintendent may be taken to represent the difference in value of supplies on hand April 30, 1900, and the value of supplies on hand April 30, 1901. The total amount invested in the plant to date is \$192,067.41.

Respectfully submitted,

W. J. SPROAT,

Clerk.

CASHIER'S REPORT.

GRAND RAPIDS, MICH., May 1, 1901.

To the Board of Public Works:

GENTLEMEN—I respectfully submit the following report, showing the receipts and deposits for the year ending April 30, 1901, and also a statement showing the principal sources of the miscellaneous receipts:

Balance May 1, 1900.....	\$	\$ 457 54	\$
Water works income receipts	100,981 53	.....	.....
Permits.	1,462 50	.....	.....
Miscellaneous	2,302 64	.....	.....
Total	\$ 113,746 07	113,746 07	.....
Deposits .....	.....	.....	113,886 66
Balance May 1, 1901.....	.....	.....	317 55
Total .....	.....	\$ 114,204 21	\$ 114,204 21

Miscellaneous Receipts.

From sale of material, laying mains, etc., credited to the water works fund.....	\$ 1,643 49
From sale of material, labor, repairs, in- spector's fees, etc., credited to the water works income fund.....	159 15
From 33 plumbers licenses, credited to the water works income fund.....	330 00
From 33 drain layers licenses credited to the sewer fund.....	165 00
From sale of scrap iron credited to the public lighting fund.....	5 00
Total.....	\$ 2,302 64

Respectfully submitted,

C. D. STEBBINS,

Cashier.

CHIEF INSPECTOR'S REPORT.

GRAND RAPIDS, MICH., May 1, 1901.

To the Honorable Board of Public Works:

GENTLEMEN:—I herewith submit to your honorable body the annual report of the inspection department for the year ending April 30, 1901.

Water Services.

Number of schedule services	8,445
Number of metered services.....	2,103
Total.....	10,548

These services are distributed as follows:

Metered.

North district.....	768
South district.....	682
West district ...	653
Total.....	2,103

Schedule.

North district.....	3,165
South district.....	2,878
West district	2,402

Total..... 8,445

Service to curb or lot line only 647

Distributed as follows:

North district.....	353
South district.....	265
West district	29

Total..... 647

Number of elevator services 43

Number of fire protection services 82

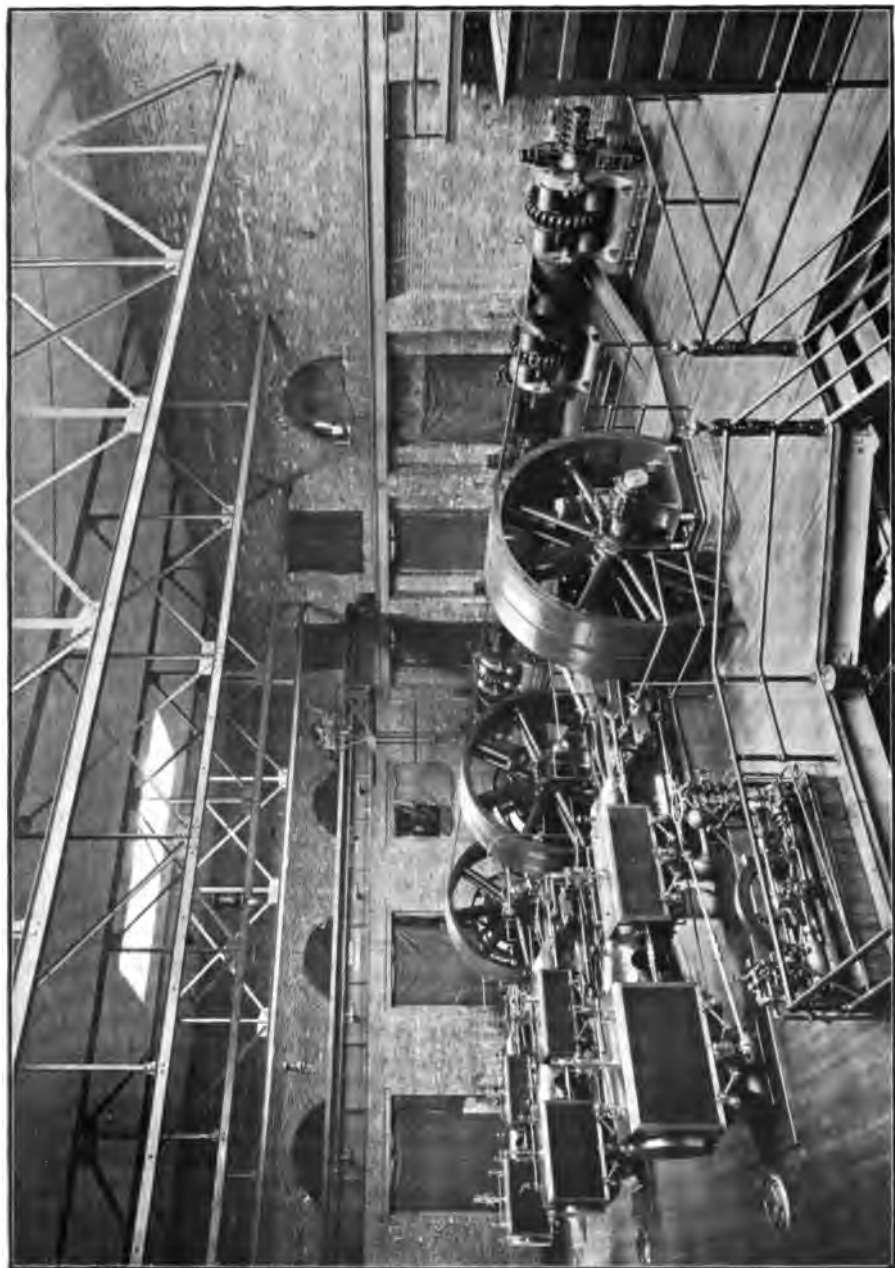
Water Fixtures.

Total number of water fixtures.....	29,475
Baths	2,180
Closets	8,530
Basins	2,237
Sinks	3,677
Urinals	77
Hydrants	6,511
Sillcocks	5,119
Hydraulic pumps	332
Sprinkling cranes	11
Miscellaneous	801

Distributed in the different districts as follows:

WARDS	Baths	Closets	Basins	Sinks	Urinals	Hydrants	Sillcocks	Hydraulic pumps	Sprinkling cranes	Miscellaneous	Total
1st and 12th	119	639	128	261	4	844	392	4	1	33	2435
10th and 11th	630	2092	593	829	7	1192	1461	64	2	176	7046
3d	539	1819	543	860	3	780	1025	132	1	268	5970
2d, 4th and 5th	537	1897	576	1006	13	1656	1087	110	3	175	7060
6th and 7th	208	1349	163	381	5	1303	684	19	3	33	4149
8th and 9th	137	640	136	227	1	682	408	3	1	33	2268
School houses .....	.....	65	83	55	31	43	35	.....	.....	61	413
Engine houses	9	13	9	12	9	4	19	.....	.....	11	86
Parks .....	.....	.....	.....	.....	.....	5	5	.....	.....	.....	10
Cemeteries	1	16	6	6	4	3	3	.....	.....	9	48
Grand total											29,475

This table does not include the fixtures on all of the metered services and a complete list cannot be given until the house to house inspection of the entire city has been finished.



City Lighting System—Engines and Dynamos—View Looking North.

The following statement shows the work done in this department from April 30, 1900, to April 30, 1901:

Total number of investigations and inspections made and notices served	10,340
Total number of meters read	17,566
Number of water permits issued during the y'r	588
Number of sewer permits issued	314
Number of high reading notices sent	525
Number of water waste notices served	156
House to house inspections made	2,007
Permits issued to plumbers and drain layers	155
Number of services turned on	655
Number of services turned off	688
Hopper closet permits granted	140
Hopper closet permits denied	8
Fixtures capped and uncapped	190
Number of leaks found and owners notified	1,263
Notices served to put in water service where streets were being improved	68
Special sewer connection inspections made, for which the inspector's time was assessed to and collected from the drain layer	42
Number of reports made to the board on petitions, etc., by chief inspector	176
Total amount of money collected, \$9425.17.	

The New File System.

During the past year a new system for filing has been installed in the water works office, which has been of much assistance to this department in giving prompt service to water consumers, as well as enabling the office force to answer all inquiries for information without delay. To your president, Mr. Dudley E. Waters,

credit is due for valuable time given by him in perfecting a system, which, when completed, will give a history of every water service within the city from the date of tapping.

House to House Inspection.

Owing to absence, caused by sickness, of some of the inspectors, this important work of the department has not received the attention during the past year which it should have had. However, some two thousand houses have been inspected, and judging from the results already obtained, I am convinced that it should be continued until every service in the city has been inspected. Thorough and efficient work in this line will be of great benefit to the department, and I would recommend that inasmuch as the time of two inspectors is almost wholly occupied in reading meters, that additional inspectors (competent to perform this kind of work) be employed for such a time as will be necessary.

Metered Services.

The installing of numerous meters during the past year has resulted in a large number of hopper closets being replaced by tank closets and the services otherwise improved. In the north district, out of a total of 768 services, 222 have paid the minimum rate only for the first quarter, since the new rate was established. As the period covered by this quarter, however, does not include any sprinkling, a comparative statement between schedule and meter rates cannot be made until another year. That the prejudice against meters is fast disappearing is shown by the large number of applications now on file in the water works office requesting that meters be set. The cost of reading each meter once a month for one year was 37 cents.



City Lighting System—Engines and Dynamos —View Looking Southwest.

Inspectors.

There have been employed in this department during the past year five inspectors, all of whom have been faithful in the discharge of their duties and have responded to calls in and out of business hours promptly. In this connection, I would suggest that meter readers and house to house inspectors be furnished with suitable caps designating their calling. In this way permission to enter all premises can be obtained readily and delays in the work of inspection would thus be avoided.

To the general superintendent, I wish to acknowledge his prompt response to calls for assistance from his department, whenever such was needed.

Respectfully submitted,

A. WURZBURG,

Chief Inspector.

GENERAL SUPERINTENDENT'S REPORTS.

GENERAL SUPERINTENDENT'S OFFICE,
WATER WORKS AND MUNICIPAL
LIGHTING PLANT,
GRAND RAPIDS, MICH., May 1, 1901.

To the Board of Public Works:

GENTLEMEN—I herewith submit reports from the city pumping station, repair shops and the municipal lighting plant, with tabulated statements, etc., showing the cost of maintenance and operation during the year ending April 30, 1901:

City Repair Shops.

Total pay rolls for year.....	\$ 13,716 52
Average pay roll per month.....	1,143 04
Average pay roll per day	37 58

The wages were distributed as follows:

944 meters set.	
67 taken out.	
251 concrete boxes made.	
248 wooden boxes made.	
1,510 Total cost.....	\$ 2,892 27
398 meters packed.	
168 meters repaired.	
12 meter boxes repaired.	
578 Total cost	\$ 656 38
Average cost per meter \$1.14.	
1,177 meters read. Total cost	\$ 548 13
147 services turned on.	
275 services cut off.	
78 services sealed.	

10	services inspected.		
99	services forced out.		
3	services repaired.		
4	2-inch taps made.		
7	1-inch taps made.		
26	$\frac{3}{4}$ -inch taps made.		
187	$\frac{5}{8}$ -inch taps made.		
362	$\frac{1}{2}$ -inch taps made.		
6	retaps made.		
118	service boxes repaired.		
1,322	Total cost.....	\$	1,133 28
17	leaks in mains repaired.	Total cost...	642 00
	Labor on new mains.....		1,227 15
236	Fire hydrants repaired.		
3	Fire hydrants moved.		
1,341	Fire hydrants greased.		
158	Fire hydrants blown off.		
270	Fire hydrants pumped out.		
447	Fire hydrants steamed out.		
2,455	Total cost.....	\$	815 13
18	sprinkling cranes erected.		
14	sprinkling cranes taken down.		
8	sprinkling cranes repaired.		
40	Total cost.....	\$	43 05
5	street valves repaired.		
15	street valve boxes rep'd and adjusted.		
20	Total cost.....	\$	60 28
	General superintendent's salary		1,158 26
	Clerk's salary		287 50
	Labor at reservoir.....		1,056 62
	Labor at stand-pipe.....		22 82
	Labor at settling basin		72 30

Labor at intake	24 97
Labor furnished pumping station (repairs) ..	565 64
Labor at stables	75 40
Labor at shop and storehouse	1,348 12
Labor furnished lighting plant (repairs)	335 42
Labor furnished city rollers	740 80
Labor furnished bridge fund	7 13
Labor furnished general office	3 87
Total pay rolls	<hr/> \$13,716 52

PUMPING STATION.
Table Showing Water Pumped and Coal Used by Months During the Past Year.

	Gallons pumped	Average gallons pumped per day	Pounds coal consumed per month	Cost of coal consumed per month	Average cost of coal consumed per day	Pounds of coal consumed to pump 1,000,000 gallons	Average lbs. of coal consumed per day	Average cost of coal to pump 1,000,000 gals.
May	392,985,827	12,676,962	896,028	\$ 1,329 04	\$ 42 87	2,954	28,562	\$ 3 38
June	433,112,476	14,437,083	934,925	1,432 38	47 75	2,905	31,881	3 31
July	417,154,498	13,472,726	1,065,680	1,598 52	51 57	2,562	31,379	3 82
August	413,833,616	13,349,172	1,138,826	1,708 53	55 11	2,751	31,736	4 12
September	384,408,403	12,813,614	1,097,110	1,645 67	54 86	2,854	30,570	4 28
October	358,936,235	11,578,549	1,031,300	1,516 95	49 90	3,129	33,268	4 30
November	314,762,233	10,492,075	985,070	1,755 44	56 63	3,583	37,751	5 37
December	326,583,046	10,534,937	1,170,390	1,431 64	46 18	2,716	30,788	4 16
January	343,719,990	11,089,354	951,430	1,312 11	46 86	2,782	31,940	4 17
February	314,444,186	11,330,110	874,733	1,239 12	39 97	2,601	26,648	3 90
March	317,142,454	10,240,112	895,080	1,118 36	37 28	2,328	24,862	3 79
April	294,898,034	9,829,935	745,565					
Totals.	4,312,831,988		11,736,039	17,595 06				
Average per month.	359,4 2,666		977,503	1,466 25				
<hr/>								
Average Cost per day		..... \$47 93	Average gallons water pumped per day		..... 11,812,064	Average lbs. of coal consumed per day		..... 32,137
Average lbs. of coal consumed to pump 1,000,000 gallons		..... 2,719.8	Average cost of coal consumed to pump 1,000,000 gallons		..... \$4.08.			

Recommendations—Pumping Station.

I respectfully call attention to the following necessary improvements and repairs at the city pumping station:

The roof is in very bad condition and should be re-covered, and also requires new gutters throughout. The walls should be repainted or calcimined.

The low pressure cylinder of the Nordberg pump should be connected to the high service, which would enable this department to shut down the Holly pump at least eight months in the year, and besides the saving in fuel and repairs, four hundred and eighty dollars could be saved in labor for a year. To make such a change on the Nordberg engine will cost \$2,000.

There should be installed an independent system to furnish necessary draft to the boilers, as the present chimney is too small. A new brick stack will cost approximately \$10,000. The cost to install the fan system will be about \$2,000.

I again respectfully call your attention to the boiler plant. The two 104-horse power boilers will not furnish sufficient steam to operate the plant, and in case of accident to either of the 360-horse power boilers while in service it would require from five to seven hours to get the boiler that was being washed out into service.

I would also call your attention to the main steam header located in the attic above the pumps. This header is made of light weight pipe and fittings, and is not suitable for a working pressure of one hundred and twenty-five pounds, and I respectfully recommend that a new header be installed made of extra strong pipe and fittings.

I would again urge the necessity of running a two-

inch tell tale pipe from the reservoir to the pumping station, complete, with a mercury gauge and alarm bell.

Repair Shops.

There has been expended during the past year over eight hundred dollars for machine work to outside shops, which work should have been done in the city shops, but could not be done on account of our machinery and tools being too small. I respectfully recommend that there be installed tools of sufficient size to handle all machine work for the pumping station, lighting plant and road rollers, and also suitable tools to manufacture all brass goods and valves used by this department. The cost of the above tools will be, approximately, three thousand one hundred dollars.

I also beg leave to recommend that all water mains be laid by this department, as that laid by this department last year showed, in one instance, a saving of 26 per cent.

I respectfully recommend that a suitable style of uniform be adopted to be worn by all employes of the repair department, who, in the discharge of their duties, find it necessary to enter dwellings.

MUNICIPAL LIGHTING PLANT.

FIRST ANNUAL REPORT.

I respectfully submit the first annual report for the municipal lighting plant, and respectfully call your attention to the following:

Total amount invested in lighting plant to

May 1, 1901.....\$ 192,067 41

Depreciation for twelve months at $2\frac{1}{2}$ per ct \$ 4,901 05

Interest on \$125,000 bonds at 4 per cent... 5,000 00

Taxes at 2 per cent for twelve months 1,800 00

Total.....\$ 11,701 05

Total operating expenses twelve months...\$ 19,855 97

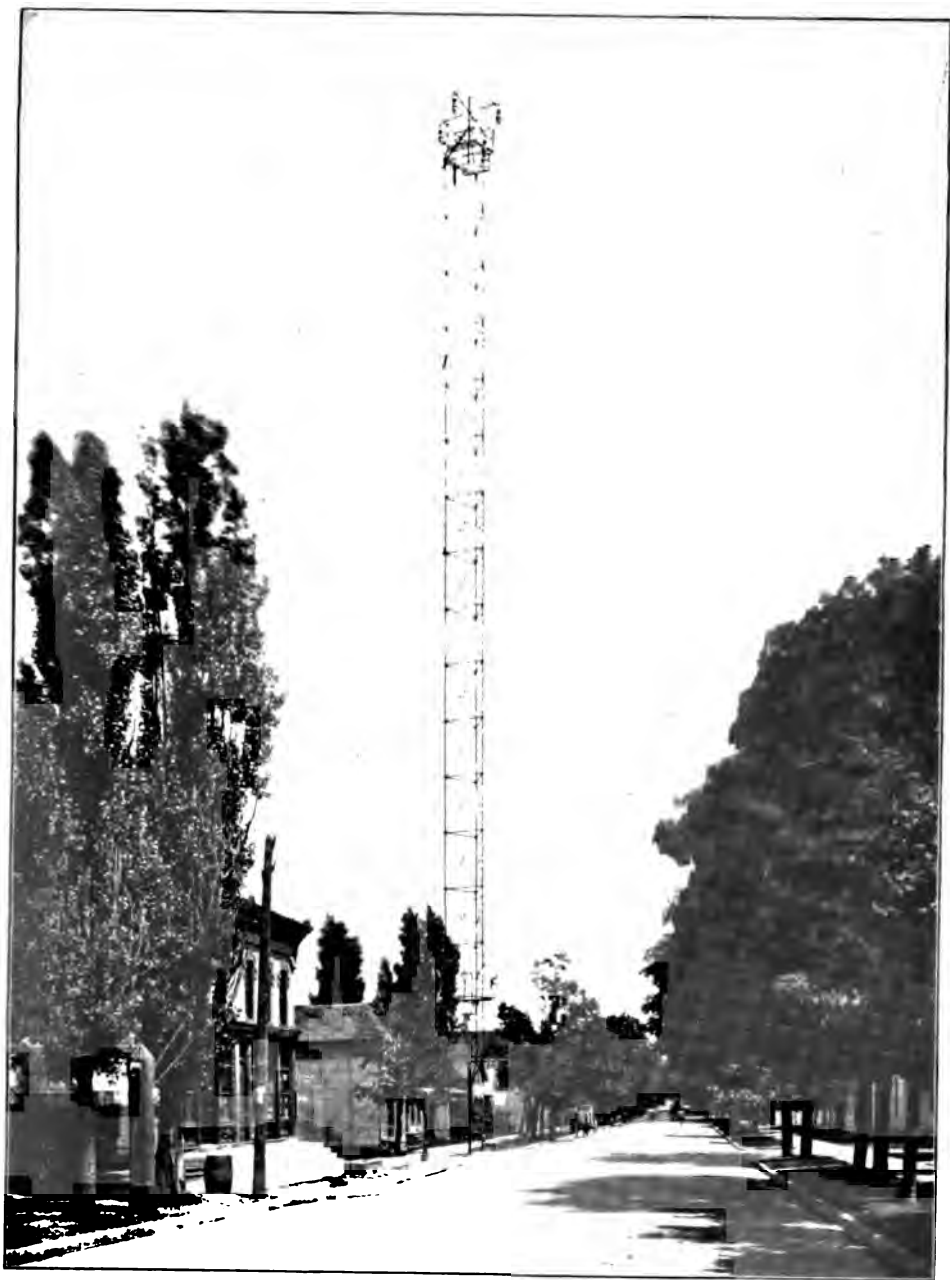
Grand total for twelve months.....\$ 31,557 02

From the above the following cost per lamp is taken:

Cost per lamp operating only for 365 days..... \$ 40 73

Cost per lamp operating and interest for 365 days 50 97

Cost per lamp operating, depreciation, interest
and taxes 64 72



City Lighting System—View Showing Four-Light Tower.

Wage Record.

MONTH	Total Pay Roll	Average Cost per day	Av'ge Cost per Lamp per day	Per K. W. hour, day
April	\$ 775 41	\$ 25 84	\$.055	\$.0129
May	683 33	22 04	.046	.0123
June	765 33	25 51	.054	.0111
July	663 33	21 39	.044	.0108
August	674 44	21 75	.045	.01
September	684 97	22 83	.049	.011
October	666 58	21 50	.044	.0083
November	783 50	26 18	.053	.0121
December	776 25	25 04	.051	.0085
January	782 70	25 24	.051	.0086
February	767 67	27 41	.055	.01
March	706 29	22 75	.045	.0086
Total	\$ 8,730 80	.....	.....	.....
Averages for year.	727 50	\$ 23 92	.049	.0105

Coal Record.

MONTH	Total Lbs. Consumed	Cost of Coal Consumed	Average Lbs. Consumed per day	Average Cost Coal per day	Average Lbs. Coal per hour	Average Cost per hour	Av. Lbs. per Lamp per day	Av. Cost per Lamp per day	Average Lbs. per K. W. hr. per day	Average Cost per K. W. hr. per day
April	370,823	\$ 463 53	12,361	\$ 15 45	1,320	\$ 1 05	26.4	\$.083	6.23	.0077
May	332,164	415 20	10,715	13 37	1,339	1 67	22.9	.029	5.80	.0071
June	389,191	35 44	9,639	12 84	1,500	1 99	30.4	.027	4.30	.0056
July	285,252	379 61	9,302	12 24	1,320	1 76	19.2	.025	4.40	.0058
August ..	320,586	440 77	10,341	14 21	1,206	1 66	21.5	.030	4.80	.0065
September	374,961	534 31	12,899	17 80	1,300	1 70	25.8	.037	6.03	.0086
October ...	429,101	590 01	13,842	19 03	1,070	1 44	28.2	.039	5.80	.0080
November	461,157	611 03	15,372	20 37	1,176	1 58	30.8	.041	7.15	.0094
December .	457,145	605 72	14,747	19 54	1,080	1 43	28.1	.039	5.	.0086
January ..	564,534	748 00	18,211	24 13	1,368	1 81	36.3	.048	6.20	.0083
February	445,961	590 90	15,913	21 11	1,272	1 68	31.	.042	5.80	.0077
March	445,591	623 83	14,374	20 12	1,307	1 72	28.4	.040	6.	.0083
Total	4,776,466	\$6388 35	.....	.....	.....	.....	.....	.....	.....	.....
Av. for yr.	398,039	532 38	13,086	\$ 17 51	1,283	1 67	26.6	.036	5.66	.0075

Lamp Record

MONTH	Average No. in Circuit	Average Reported Out	Average Operated	Average Hours Run
April	470	1.4	468.6	9.22
May	471	.45	470	8.00
June	473	.63	472	6.34
July	480	1.51	478	6.56
August	483	2.	481	8.33
September	495	2	483	10.28
October	498	2.	491	11.50
November	500.4	2.20	488.2	13.04
December	501.5	1.5	500	13.38
January	504.4	3.1	501.3	13.12
February	504	.9	503.1	12.36
March	507.3	2.3	505	11.00
Total, Monthly Average..	5 872.6	.....	.....	.....
Averages for year	499.4	1.7	487.6	10.26

Carbon Record.

MONTH	Total used per month	Cost Carbons per month	Average used per day	Average cost per day	Average Carbons per lamp	Average cost per k. w. hr.
April	2,770	\$ 72.00	92	\$ 2.40	.2	.0012
May	2,538	58.18	72	1.87	.15	.0008
June	1,765	45.96	59	1.53	.13	.0006
July	1,714	44.56	55	1.43	.12	.0006
August	1,861	48.14	60	1.55	.14	.0007
September	2,007	52.18	67	1.74	.14	.0008
October	2,226	57.88	72	1.87	.15	.0007
November	2,237	58.16	74	1.94	.15	.0009
December	2,723	72.15	88	2.32	.17	.0007
January	1,714	46.28	55	1.49	.11	.0005
February	2,487	65.90	88	2.35	.17	.0008
March	2,439	63.81	78	2.06	.15	.0008
Total	26,167	\$ 685.23	880	\$ 22.55	1.76	.0008
Averages for y'r	2,181	57.10	72	1.87	.15	.0008



CANAL STREET—Bridge Street to Pearl Street. Trinidad Sheet Asphalt with brick between tracks; concrete gutters. Laid in 1900. Photographed June, 1901.

Inner and Outer Globe Record.

MONTH	Total Globes used	Total cost of used	Average used per day	Average cost per day	Average per lamp per day	Average cost per lamp per day
April	72	\$ 12.00	2.4	\$.40	\$.0061	\$.0009
May	71	11.86	2.3	.38	.0048	.0008
June	91	15.13	3.3	.53	.0068	.0011
July.....	107	17.91	3.5	.58	.0073	.0012
August.....	209	34.87	6.8	1.12	.0141	.0023
September	163	26.13	5.4	.87	.0111	.0018
October	287	37.08	9.2	1.20	.0185	.0024
November	249	45.53	8.3	1.45	.0166	.0027
December.....	237	39.92	7.6	1.29	.0152	.0022
January	276	43.76	9.	1.38	.0179	.0027
February	211	33.04	7.5	1.18	.0149	.0023
March	237	38.51	7.1	1.25	.0141	.0025
Total	2,211	\$352.74	.....	.....	.....	.....
Averages..	184	29.39	6.1	.56	.0122	.0020

SUMMARY CITY LIGHTING PLANT. ANNUAL REPORT ENDING MARCH 31, 1901.

Average lamps operated per day 467.6. Average hours operated per day 10.24.

		Average lbs. consumed per day	Average Carbons and Globes used per day	Average cost per day	Average lbs. of Coal consumed per hour	Average cost of Coal consumed per hour	Average lbs. Coal consumed per lamp	Average Carbon and Globes used per month	Average cost per lamp	Average lbs. Coal per K. W. hr.	Average cost per K. W. hr.
Total lbs. Coal consumed	4,776,466	13,185	.....	\$ 17 51	1.263	\$ 1 67	26.6	.....	\$ .086	5.66	\$.0075
Total Carbons used	21,167	..	71	1 87	.....	.....	.....	.15	.0089	.....	.0008
Total Globes used	2,211	.....	6	96	.....	.....	.....	.0122	.002	.....	.....
Total Wages .....	.....	.....	.....	23 26	.....	.....	.....	.....	.05	.....	.0105
Total Oil cost .....	.....	.....	.....	1 43	.....	.....	.....	.....	.003	.....	.00062
Total Repair account .....	.....	.....	.....	2 63	.....	.....	.....	.....	.0043	.....	.000861
Total Supply account .....	.....	.....	.....	6 06	.....	.....	.....	.....	.0124	.....	.00378
Grand total .....	.....	.....	.....	54 41	.....	.....	.....	.....	.1116	.....	.024061

Average cost per lamp (operating only) on above basis for 365 days..... \$ 40 73

The cost of miscellaneous supplies for the lighting plant for the year was \$2,214.50, or an average of \$6.06 per day; .0124 cents per lamp per day, or .00378 cent per K. W. hr.

Oil cost \$528.53, or \$1.45 per day; .003 cent per lamp per day, and .00062 cent per K. W. hr.

Repairs cost \$958.82, or \$2.63 per day; .0053 cent per lamp per day, and .00086 cent per K. W. hr.

There has been replaced during the past year fifteen guy-stubs for towers, and during the coming year twenty-five more must be replaced, at a cost of about seven hundred and fifty dollars. The tower iron work must be scraped and repainted. The cost of this work will be one thousand dollars.

General Recommendations.

I respectfully ask your honorable board to give me the necessary authority to equip a store room for all supplies used in the three departments. Goods can then be bought in quantities, the benefit of discounts secured and each month's report from the different departments will show exactly the amount used of any kind of supplies. As it is now any article purchased this month must be charged into this month's expenses, though it may be two or three months before it is used.

Respectfully submitted,

BARNEY MEYER,

General Superintendent.

REPORT OF CITY ENGINEER.

GRAND RAPIDS, MICH., May 1, 1901.

To the Honorable Board of Public Works:

GENTLEMEN—Herewith is presented the twenty-eighth annual report of the work done by the engineering department during the fiscal year ending April 30, 1901:

Streets.

The policy adopted by your honorable body during the past year of examining the grade lines of streets before making improvements and reducing excessive cuts and fills as far as drainage, grades and local conditions would permit, has met with almost universal commendation.

While Grand Rapids is located on a tract of land of great natural beauty, but very little advantage has been taken of these conditions in the platting of streets, or their subsequent improvement. As has been too frequently the case in other cities, government and property subdivisions generally controlled.

With the rapidly awakening public interest in landscape treatment, and the preservation of natural scenery, a great deal may be hoped for in the future. It remains for the city, through the various powers given it to establish grades, improve streets, and maintain such improvements, and determine walk and tree lines, to initiate a movement to preserve and enhance these natural beauties. Private interests will quickly lend their influence and assistance to any well considered plans that may be inaugurated by the municipality.



SOUTH COLLEGE AVENUE- Fulton Street to Cherry Street. Macadam pavement; roadway 30 feet; concrete curb; brick gutters three feet wide. Photographed June, 1901.

Out of a total of 283.795 miles of streets in the city, grades have been established on 271.36 miles, and 162.32 miles have been improved, leaving 121.475 miles, or about 43 per cent. of the total mileage of streets, still unimproved. An examination of the grade lines of a large number of these unimproved streets shows that some very radical changes can be made, to the benefit of the adjacent property, and the improvement of the general appearance of the street when improved.

I would suggest that a thorough study and revision of the grades in the unimproved portions of the city be made, and the walk and tree lines be determined and made a matter of record.

Street trees are in many cases planted and cared for by the municipalities. While the cost may at this time make such action impossible in Grand Rapids, certainly city supervision in the selection and location of such trees as may be set by adjacent property owners would, in a large number of cases, be attended with more harmonious and pleasing effects.

While the city has no authority to determine the locations of buildings on private property, still, if building lines should be adopted and all property owners be requested to conform to such lines, a large amount of present trouble resulting from building too near the street lines might be obviated. Many cities pride themselves on their broad avenues and streets, and spend large sums in condemning property to widen them, yet every season numerous petitions are presented to you to permit of walks being placed nearer the curb, generally because the petitioners have built too near the street to leave them a suitable lawn. They are, in most cases, willing to sign waivers of all rights in the street, but the results are the same—the street in appearance is

narrowed, the pedestrian is brought nearer the dust raised by passing vehicles, and the space already none too wide for the best growth of the shade trees is still further restricted.

Notwithstanding your very liberal policy during the past year of changing sidewalk grades where to have built on the old established grades would have meant the destruction of trees, and other material interests, or detracted from the best appearance of the street, sidewalks have frequently been laid without regard to the grades given, and often without grades being secured. While in some cases the property directly fronting may have been better conserved, to meet such walks and not seriously injure adjacent property, or give an unsightly appearance to that portion of the street, is often impossible. It is often found necessary to relay walks in making future improvements.

The supervision of sidewalk construction here is not as thorough as the interests of the city or good construction demands. Property owners are paying for walk under what they suppose is a five-year guarantee, but which in many cases is worthless. Walks are frequently laid which go to pieces within a year. I would recommend that proper rules and regulations be drawn up and embodied in an ordinance, if thought best, that all parties doing sidewalk work shall be licensed; shall give bonds to protect the city from accidents, and shall give bonds guaranteeing work laid in all cases where the property owner desires his work constructed under such guarantee. At present, the city is in no way protected in the case of accidents to parties through the carelessness of sidewalk contractors.

The grade lines established and re-established by your honorable body, are named in the following tables:

Grade Lines Established.

STREET	EXTENT	LENGTH IN FEET
Barker Place	West Bridge to First .. .	384
Brown Avenue	Buchanan, west to $\frac{1}{4}$ line .. .	1,328
Coate Avenue.	Grandville Avenue, west .. .	510
Crescent Alley, north	North Union to Grand Avenue.	606
Dolbee	Bates to Fifth Avenue .. .	278
Evergreen Avenue	Union Boulevard to South East	1,354
New England Place ...	Canal, west	171
Shamrock Place	Grandville Avenue, west ...	270
South Jefferson Alley ..	West Fulton to Watson	547
Woodworth Avenue	South Union to South East....	1,250
Workman Court	Grandville Avenue, west ...	397

6,994 feet, or 1.32 miles.

Grade Lines Re-established.

STREET	EXTENT	LENGTH IN FEET
Auburn Avenue.	Lake Avenue to Hope Avenue	597
Buchanan.	Crofton Avenue to Griggs Avenue	1,355
Buchanan.	Stewart Avenue to Burton Avenue	462
Buckeye.	South Diamond to Calkins Avenue	636
Carleton Avenue	Lake Avenue to Wealthy Avenue.....	747
Carroll Avenue	Lake Avenue to Buckeye	503
Center Street.	Sweet to Dale Avenue	265
Center.	Ann to Dean	266
Chester	South Diamond to Carroll Avenue	370
Cody Place.....	First Avenue to east and west alley	350
Commerce, south.	Cherry to Bartlett.....	335
Eureka Avenue.	Wealthy Avenue to Logan	609
Fifth Avenue.	Kalamazoo Avenue to South Fuller	1,798
First Avenue Alley.....	Cody Place to South Division.....	178
Howard	Madison Avenue to South Union	1,250
Livingston Alley	East Bridge to Hastings	500
Union Boulevard	Oakdale Avenue to Cottage Grove Avenue	595
West	West Leonard to North	2,586
South Lafayette....	Montgomery to Griggs Avenues.	847
Reynolds Avenue	Jefferson to Madison avenues	1,232
Griggs Avenue	South Division to Madison Avenue.....	2,242
Ridge Avenue.....	South Division to Buchanan.....	1,247

28,990 feet, or 5.47 miles.



**CANAL STREET—Bridge Street to Newberry Street Iron Rock Block on concrete.
Laid in 1900. Photographed June, 1901.**

Street Improvements.

The demand for improved streets and alleys has continued unabated during the past year.

Contracts have been awarded for the improvement of streets to the extent of 4.12 miles, and for the re-improvement of 2.44 miles during the year. In connection with this work, 222 catch-basins, 25 intake basins, and 32 manholes will be required.

The total cost of the above work will be \$196,193.00. As has been the case for several years, much of the work has been ordered so late in the season that it has been impossible to complete it before cold weather. With gravel and macadam improvements, the demand upon the rollers has been so great that the work could not be pushed as rapidly as desired. With one or two exceptions, all streets were left in good condition for travel during the winter. While it is more satisfactory to close the season with all work completed, it has, in many cases, been found to the advantage of improvements for them to remain in an uncompleted state during the winter, to be finished early the following spring.

Gravel Improvements.

Very little change has been made in the gravel improvements. The one and one-half inch layer of fine roofing gravel has been dispensed with, as it is found to cut up readily under heavy travel, especially in the spring. More fine gravel has been used to fill the voids in the medium grade, which has been brought to the finished surface with a slight sprinkling of the finer. This has reduced the amount of binder necessary, and should result in a more permanent roadway. To accomplish this a larger amount of rolling is required, and often the gravel has loosened under travel. Travel

settles it into place after the first winter, and I believe a better roadway is secured.

Macadam Improvements.

Only one macadam improvement (Canal, from Newberry to Coldbrook streets) was ordered during the year. Nearly the entire work of one roller was required to complete Turner street, from Bridge to North street. Owing to the lower section of Turner street not having been rolled as it should have been, and was desired, due to the closing of the preceding working season, it was found impossible to secure the desired union between the necessary new material and the old. As a result the street is not as satisfactory as would otherwise have been the case. A few years' travel will put it in a condition to be repaired successfully, and at a reasonable expense. Over the remainder of the street the specifications were varied to the extent of doing away with the one inch of dust and screenings on top, and bringing the stone to the finished surface. Chips, free from dust, were used for a binder, and only a sprinkling of dust used for the finish. This has seemed an improvement, and certainly gives less dust and mud. Coarse sand will be tried in place of the dust the coming season.

Brick Paving.

Brick paving on a concrete foundation seems to be the most favored, and in the end is probably the cheapest pavement for the business streets of Grand Rapids. To secure a good, serviceable pavement at a reasonable cost is one of the most important problems confronting engineers and paving experts. Brick pavements are noisy under travel, but if properly laid are comparatively smooth, and with a reasonable amount of repair at

the right time will give excellent service for a long period.

Sufficient attention has not been given to the details in brick pavement construction. A pavement composed of poor brick properly laid will be more satisfactory and will outwear one in which the best brick are used, but so laid as to be rapidly pounded to pieces by travel. An effort was made the past season to secure a smoother pavement, and in some cases with success. While the majority of the contractors intend to do a good job, as a general thing the efforts of the engineer to improve over past methods is considered an unnecessary refinement. It is difficult to secure the best work from an unwilling workman, or contractor. In this respect superior work could be secured when performed by day labor.

The chief changes the past year consisted in increasing the cushion from one inch to one and one-half inches, using a fine, soft sand in place of the coarse sand. On some of the work the seven-ton steam roller was used with good results. The use of coal tar pitch for filling joints was abandoned, except where necessary to provide for expansion, and Portland cement grout was used. Its effect in protecting the edges of the brick from chipping is already apparent.

If the repairs and maintenance of pavements was cared for in a different manner, I would recommend that the guarantee on brick pavements be abolished. The engineer and inspector are continually confronted with the feeling, oftentimes expressed on the part of the contractor, that he is giving a guarantee. A guarantee should secure the city against poor materials, the quality of which cannot be readily determined, or which is an experiment. A contractor should be compelled to do good work, and in most cases this can only be secured

by careful and competent inspection. Good work costs but little more than poor work, and I believe that those paying for the improvement expect it. The policy of your honorable body in insisting that all defective work be made good before acceptance, leaving as little as possible to be made right on the expiration of the guarantee, has resulted in more care being taken in first construction.

Asphalt Pavements.

Sheet asphalt, being less noisy under traffic than brick, and smoother than pavements composed of blocks of any composition, certainly possesses the qualities essential for a good pavement. Appreciation of these qualities on the part of the public has heretofore made it a popular pavement. The excessive cost of repairs during the last few years on streets subjected to heavy traffic has caused a reaction to set in, with the result that it is given little, if any, consideration on streets for which it is well adapted. Asphalt pavement construction is far better understood today than ten years ago, and when properly mixed and laid, under a ten-year guarantee, should not be discarded without serious consideration. The threatened paving of Canal street with brick secured the exceptionally low price of \$1.43 per square yard, with a ten-year guarantee.

The experiment of paving Sheldon street with asphalt blocks on a rolled gravel foundation will be watched with considerable interest. Asphalt block pavements have been a failure in some cities, a success in others. The plant manufacturing the blocks used in this city is one of the latest and best equipped in the country, and with the proper materials should make a good block if they can be made.



SHELDON STREET—Fulton Street to First Avenue. Asphalt Block pavement on gravel foundation. Combined curb and gutter. Photographed June 1901.

Maintenance and Repairs.

While much discussion and consideration has been given the selection and construction of the various pavements, very little attention has been devoted to their maintenance and repair. Good pavements are going to pieces under traffic for want of a little intelligent attention. No pavement can long maintain its smooth surface unless its weak points are carefully looked for and repaired at once. The large number of holes in Monroe street would, in most cases, have been prevented had a few poor bricks been replaced by new ones when first showing their weakness. I know of no department of our street work that is deserving of more careful and serious consideration on the part of your honorable body and the common council than that of maintenance and repairs. The city should have skilled employes, properly equipped, to promptly make all necessary repairs to pavements. When excavations are made in the streets all backfilling should be done and the pavements relaid by such employes. New pavements are being continually injured by careless work on the part of plumbers and others. I have found the telephone, electric light, and similar companies, willing and desirous of replacing the streets in good condition. The trouble is to secure suitable material and skilled laborers. No matter how thorough the inspection, it is impossible to secure good work from poor workmen, or those not familiar with such work.

The work completed, and the new work contracted for during the past year, is shown in the following tables:

WORK LEFT OVER FROM 1899 COMPLETED IN 1900. BRICK PAVING ON CONCRETE FOUNDATION.

STREETS	EXTENT	DIMENSIONS			COST		Amount Paid on Contract	CONTRACTORS
		Width of Road-way	Length of Street	Length of Curb	No. of Square Yards	Contract Price		
Campau	Louis to East Fulton	42	819	1,534	4,030	\$ 11,300 00	\$ 11,700 00	Sullivan & Higgins.

MACADAM.

Turner ..	W. Bridge to Seventh ..	36	2,600	5,150	.....	11,233 25	11,600 00	James McDermott.
Turner ..	Seventh to North ..	36	5,202	10,194	.....	22,034 00	23,500 00	James McDermott.

GRADED, GRAVELED AND GUTTERS PAVED WITH BRICK.

Fitzhugh	Lake avenue to Hermitage	30	705	1,412	.....	2 674 00	2,880 00	Mathewson & Kloote.
Palmer avenue ..	Canal to Plainfield avenue	30	2,713	5,368	.....	9,500 00	10,000 00	Chas. E. Williams.
Grandville avenue	Hall to Clyde Park avenue	42	2,525	4,606	.....	9,960 00	10,500 00	Rens & Hoogendyk.
*Watson	Lane avenue to John Ball Park	34	2,613	.....	.....	6,800 00	7,000 00	John Powers.
La Belle avenue ..	S. Division to S. Ionia.	30	365	1,231	.....	1,983 00	1,980 00	Connell & Barret.
Rose	S. Division to Buchanan	30	1,250	2,494	.....	3,707 64	3,900 00	Connell & Barret.
Stewart avenue ..	S. Division to Buchanan	30	1,249	2,494	.....	3,790 00	4,000 00	F. W. Stevens.
Elm avenue.	S. Division to Buchanan	26	1,250	2,519	.....	3,723 00	3,920 00	L. C. Schneider.
*Dickinson avenue	Madison to Jefferson avenues	30	1,298	28	.....	1,980 00	2,150 00	Albert Prange.

Robey	Wealthy avenue to north end	24	632	1,300	.....	1,900 00	9 200 00	.....	Harry Vander Veen
Travis avenue	Canal to Watrous avenue	30	2,158	4,375	.....	7,200 00	7,600 00	.....	C. E. Williams.
+Tamarack	Walker avenue to Twelfth	34	1,578	.....	.....	3 399 00	3,600 00	.....	James B. Hoey.
Steele avenue	Hall to Stevens	32	1,089	2 142	.....	4,183 00	4 500 00	.....	Albert Prange.
+Tenth	Alpine avenue to N. Pine	30	1,577	3,066	.....	4,319 00	4 600 00	.....	James B. Hoey.
Third ave. arm	At Buchanan	30	160	312	.....	530 00	600 00	.....	Chas. Connell.
Mills	Madison to S. College avenues	30	562	1,168	.....	3,595 00	3 810 00	.....	Luten & Luten.
Godfrey avenue	S. Market to Railroad	42	640	1,235	.....	2,940 00	3 150 00	.....	Harry Vander Veen.
*Sibley	Garfield to Valley avenues	30	337	.....	.....	1,537 00	1,680 00	.....	James McDermott.
*Garden	Madison to Jefferson avenues	30	1,208	.....	.....	1,485 00	1 600 00	.....	Harry Vander Veen.
Sweet	Plainfield to N. Colt avenues	30	574	1,618	.....	2,025 00	2,240 00	.....	L. C. Schneider.

*Graded and graveled. +Graded, graveled and gutters paved with cobble stones.

Valley avenue, from West Fulton street to Butterworth avenue, improved by private parties

**WORK LET FROM MAY 1, 1900, TO MAY 1, 1901.
REPAVED WITH SHEET ASPHALT PAVEMENT.**

STREET	EXTENT	DIMENSIONS			COST		CONTRACTORS
		Width of Road-way	Length of Street	No. of Square Yards	Con-tract Price	Amount Paid on Contract	
Canal	Pearl to East Bridge	{ 64.6 68.3	1,478	11,111	18,496 00	18,971 00	North'n Pav'g & Con.Co.

GRADED AND PAVED WITH ASPHALT BLOCKS ON A GRAVEL FOUNDATION.

Sheldon	East Fulton to First avenue.....	{ 40 30	3,608	7,552	14,590	36,975 00	37,480 00	Luten Eng'g & Con. Co.
-------------------	----------------------------------	------------	-------	-------	--------	-----------	-----------	------------------------

BRICK PAVING, ON CONCRETE FOUNDATION.

South Ionla alley.	Fulton to Island.	{ 18.2 11.3	800	..	514	1 200 00	1,380 00	N. H. Battjes.
Canal	East Bridge to Newberry	{ 56 36	2,291	4,086	12,084	22 347 00	23,060 00	Leonard Schneider.
Newberry	Canal to the bridge	{ 99 20	177	.....	556	985 00	1,090 00	James McDermott.
New England Pl.	Canal to Bank	{ 20 20	169	.....	352	773 00	860 00	L. C. Schneider.

NOT COMPLETED.

South Front . . .	West Bridge to Allen.....	27	1,138	.....	3,577	6,889 00	7,264 00	James McDermott.
North Ionla alley.	East Bridge to Crescent avenue. .	20	585	.....	1,100	1,991 00	2,131 00	Albert Prange.
Cherry street. .	South Ionla to South Ottawa	{ 41 to	510	.....	2,215	4 500 00	4,900 00	James McDermott.
Godfrey avenue...	Railroad, south	{ 57 42	2,156	4,910	10,368	19,000 00	19,660 00	Mathewson & Kloote.

TAR-CONCRETE, ON COBBLE STONE FOUNDATION.

Crescent Court ..	Crescent avenue, north ..	18	319	824	475 00	560 01	Henry Miller.
-------------------	---------------------------	----	-----	-------	-----	--------	--------	-------	---------------

MACADAM, NOT COMPLETED.

Canal	Newberry to Coldbrook	36	2,130	4,105	9,880 00	10,370 00	Chas. Connell.
-------------	-----------------------------	----	-------	-------	-------	----------	-----------	-------	----------------

GRADED, GRAVELED AND GUTTERS PAVED WITH BRICK.

*Fifth Ave	Kalamazoo to Neeland Ave.	16	816	.....	.....	1,617 00	1,830 00	\$ 52 72	D. W. Boyes
*N. Diamond ..	Fountain to Flat ..	16	3,553	.....	.....	9,463 00	9,730 00	..	Mathewson & Kloote
Center	Sweet to Dean.....	30	1,620	2,020	.....	4,900 00	5,365 00	..	Chas. E. Williams
Brown Ave	S. Division to Buchanan ..	26	1,250	2,464	.....	4,242 00	4,440 00	..	Chas. Connell
Laurel	Grandville Ave to Oakland Ave ..	30	381	846	.....	1,505 00	1,760 06	..	Chas. Connell
Warren Ave	Cherry to Buckeye ..	26	660	1,305	.....	2,178 00	2,390 00	.....	L. C. Schneider

NOT COMPLETED.

Salem Ave	Hall to Home Ave .....	.....	.....	1,294	.....	2,240 00	2,500 00	.....	Thomas McDermott
S. Diamond	Cherry to Wealthy Ave	30	1,387	2,669	.....	5,700 00	6,020 00	\$ 4,383 00	Miller & Gliner
Auburn Ave	Lake Ave to Hope Ave	26	597	1,200	.....	2,198 00	2,460 00	330 00	D. W. Boyes
Woodmere Court.	Wealthy Ave to Robinson Ave ..	26	804	1,618	.....	2,648 00	2,830 00	1,574 00	D. W. Boyes
Bradford	Clancy to N. Lafayette ..	30	256	665	.....	1,274 00	1,465 00	410 00	Jas. B. Hoey
*Buchanan	Hall to Burton Ave ..	30	5,009	.....	.....	14,400 00	15,070 00	5,085 00	Miller & Gliner

*Graded and graveled.

1, 1901.

NOT COMPLETED.—Continued.

STREETS	EXTENT	DIMENSIONS.					Contract Price	Amount of Roll	CONTRACTORS
		Width of Road-way	Length of Street	Length of Curb	No. of Square Yards				
Cherry	S. Division to S. Ionian	39	573	1,140	...		2,826 00	3,146 00	
Holland	E. Fulton to Fountain	46	782	1,500	...		2,689 00	2,939 00	
Eureka Ave.	Wealthy Ave to Logan	25	611	1,126	...		1,969 00	2,229 00	
Randolph	Hall to Stevens	30	1,073	2,206	...		3,536 00	3,846 00	
†Livingston Alley.	E. Bridge to Hastings	20	500	.....	1,111		546 00	667 00	

†Paved with cobble stones.



**ORTH PROSPECT STREET-Fulton Street to Fountain Street. Sheet Asphalt with Medina
Block gutters on heavy grade; concrete gutter on light grade.
Roadway 30 feet. Photographed June, 1901.**

NOT COMPLETED.—Continued.

STREETS	EXTENT	DIMENSIONS.				COST		Amount Paid on Contract	CONTRACTORS
		Width of Road-way	Length of Street	Length of Curb	No. of Square Yards	Contract Price	Amount of Roll		
Cherry	S. Division to S. Ionia	39	573	1,140	...	2,826 00	3,146 00	.....	L. Schneider
Holland	E. Fulton to Fountain	46	782	1,500	...	2,689 00	2,939 00	.....	Mathewson & Kloole
Eureka Ave.	Wealthy Ave to Logan	25	611	1,126	...	1,969 00	2,229 00	.....	H. VanderVeen
Randolph	Hall to Stevens	30	1,073	2,206	...	3,536 00	3,846 00	.....	Thos. P. McDermott
†Livingston Alley.	E. Bridge to Hastings.	20	500	.....	1,111	546 00	667 00	.....	A. Prange

†Paved with cobble stones.



**RTH PROSPECT STREET-Fulton Street to Fountain Street. Sheet Asphalt with Medina
Block gutters on heavy grade; concrete gutter on light grade.
Roadway 30 feet. Photographed June, 1901.**

MILEAGE OF STREETS.

The mileage of streets in the city, and the length of each class of improvement, is shown in the following table:

Graded and paved with sheet asphalt	5.959
Graded and paved with block asphalt on gravel foundation .....	.683
Graded and paved with brick on concrete.....	4.664
Graded and macadamized	4.938
Graded and paved with tar-concrete .....	.341
Graded and paved with cedar blocks on concrete	6.254
Graded and paved with cedar blocks on plank..	.528
Graded and paved with cedar blocks on gravel	2.926
Graded and paved with cedar blocks and cobble stones	1.838
Graded and paved with cobble stones on gravel	.755
Graded, graveled and gutters paved with cob- ble stones... .	86.424
Graded, graveled and gutters paved with bricks	16.986
Graded and graveled	30.024
Unimproved.....	121.475
Total.....	283.795

ROAD ROLLERS.

Rolling with the steam rollers began April 16, 1900, and continued as long as the condition of the weather would permit. The rollers were finally laid up for the winter on December 6, 1900.

The season was an unusually severe one for the rollers. On account of the large amount of uncompleted work remaining from the preceding year, it was thought advisable to run the rollers night and day. This, in connection with other conditions, aided us in completing a large amount of work, but the practice is not to be commended. Ten hours is all that one man can run a roller to advantage, and keep it in good repair. Probably not more than one-half as much can be accomplished by night work as by day work, and it is not always possible to secure the attention on the part of the contractor that is needed on the night work. It may be necessary to work the rollers nights part of the present season, but in this event only macadam should be rolled.

The Heisler Universal, which was ordered in April, 1900, was received about a month after it had been promised. It was purchased with the expectation it would be able to do the work of rolling sub-grades, for which the horse roller was previously required. In this respect it was found to be a failure, as ten and fifteen ton rollers can roll where it is impossible for the Heisler to make any progress. This would probably be true of any roller of the asphalt type. Structurally, the Heisler was found to be radically weak for the work required of

it. This, together with its very unsatisfactory equipment for steering, made it a source of continual trouble and annoyance. The builders claim it is the first of the type made, that several improvements have been added to those since turned out, and no complaints have been received. Trusting that these statements were true, the roller was shipped back to the factory, at their expense, for the necessary repairs and changes to be made. It has not yet been returned.

The old Kelly roller had been run for so many years that it was feared it could not stand the work through the season. The proposition of the O. S. Kelly company to give the city a new 30,000-pound roller in exchange for the old one and \$1,500 was accepted, and the new roller received about the first of September. As a part of the agreement, the city was to have the use of the old roller until November 1, 1900. This gave us the use of an extra roller for over two months. The new Kelly has proved to be an excellent machine in all respects.

The Harrisburg and Russell rollers were given a thorough overhauling during the winter. New 20-inch rims for rear rolls of the Russell roller were purchased from the makers to replace the old ones, which were badly cracked. The reduction in width from 28 inches to 20 inches has made a marked improvement in the working of the roller. New 20-inch rolls were made for the Harrisburg by Butterworth & Lowe, of this city, the old rims having worn so thin that the ends of the spokes were exposed.

The road roller fund is not in as good working condition as it should be, due to the fact that \$4,000 was used during the last three years from the maintenance and operation fund for the purchase of new rollers. After making the first payment on the Heisler, there

was only a little over \$400 remaining in the fund to finish work that has required the expenditure of over \$3,100. The bringing of the work to a condition nearer completion than for several years made this deficit evident. The \$1,500 payment due on the Kelly roller July 1, 1901, as well as the cost of the new roller to be purchased in the future, should be paid from the general fund. The maintenance and operation should be borne by charges made against the various departments and improvements for which work is done.

The cost of maintenance and operation of the different rollers is given as follows:

Harrisburg Roller.

For repairs, supplies, etc., for the season.....	\$ 565 34
For fuel and kindlings	434 35
For engineer's salaries.....	871 25
Total for the season	\$1,870 94

Russell Roller.

For repairs, supplies, etc.....	\$ 743 02
For fuel and kindlings.....	409 17
For engineer's salaries.....	911 35
Total for the season	\$2,063 54

Kelly Roller.

For repairs, supplies, etc.....	\$ 194 71
For fuel and kindlings.....	383 21
For engineer's salaries.....	704 52
Total for the season	\$1,282 44

Heisler Roller.

For repairs, supplies, etc.....	\$333 30
For fuel and kindlings.....	127 06
For engineer's salaries.....	316 50
Total for the season	\$776 86

New Kelly Roller.

For repairs, supplies, etc.....	\$ 49 48
For fuel and kindlings.....	108 38
For engineer's salaries.....	<u>259 50</u>
Total for the season	\$417 36

BRIDGE WORK.

Very little bridge work has been necessary during the past year. The replanking of Sixth street bridge was ordered by the common council, but the price of plank was found to be so high that it was decided to repair, and postpone the work until spring. Plank and joists have been purchased and are being delivered for Sixth street and for Fulton street bridges. Both bridges need repainting when the floors are relaid. The floors of Bridge street bridge and of Pearl street bridge will need attention late this season, or early next.

The contract for the construction of a concrete-steel arch over the east side canal at Bridge street, and the removal of the present girder bridge to the west side canal at the same street, has been let to the Grand Rapids Bridge Company. The arch has a thickness of $1\frac{1}{2}$ feet at the crown and 4.5 feet at the springing, with two $\frac{3}{4}$ -inch by 3-inch bars bedded every three feet. Concrete sidewalks are included as part of the contract. Thirty conduits will be laid under each sidewalk for underground wires.

The girder bridge will be reinforced with one new girder and the old floor beams shortened. A creosoted wood block pavement will be laid on creosoted plank and joists. Concrete walks are provided, also on creosoted planks and joists. The contract price for the work complete was \$30,286.

The total cost of lumber purchased for the repair of bridges at Sixth, Bridge, Pearl and

Fulton streets was	\$254 25
For labor and inspection	106 82
For supplies, etc	14 10
Total	\$375 17



TURNER STREET—Bridge Street to North Street. Macadam pavement. Roadway 36 feet; Berea curb; three feet brick gutters. Photographed June, 1901.

SEWERS.

The common council, during the past year, ordered the construction of two long-needed sewers—Godfrey avenue and Hilton street.

Bids were in each case received on brick and concrete construction, and a saving of several thousand dollars was made in the use of concrete. Some of the property owners feared that concrete would not permit of the adjacent land being drained, but their fears have proved groundless. Where generally the water has stood for some time after the spring thaws, this year it rapidly settled away.

The contractor for Godfrey avenue sewer had to contend with nearly every form of materials from sand to rock, and the whole accompanied by water. The conditions were very disagreeable, so much so that trouble was experienced in securing the help necessary to push the work to completion in the specified time. Work was carried on into January of this year, and the laterals were not completed until this spring.

The conditions on Hilton street have been far more favorable. While water has been encountered up to the present time, the trench bottom has been hard, blue clay, and few difficulties have been experienced.

The remainder of the sewer work has consisted of tile sewers, of which no special mention need be made.

The table following gives the location, kind and cost of the sewers constructed during the year. In connection with this work, 32 catch basins and 86 man-holes were constructed. The total cost, excepting the storm sewer work, was \$45,177.00.

Runsey	Grandville Ave to Hilton	9	630	2	745 00	860 00	John VanEss
Twelfth Ave	S. Ionia to S. Division	9	516	3	514 00	634 00	John VanEss
Lyon	At Antisdel Court	8	62	1	68 00	115 00	John VanEss
S. Diamond	Cherry to Buckeye	9	597	2	380 70	500 00	John VanEss
Loken	Henry to S. East	9	197	3	980 00	1,060 00	Harry VanderVeen
Charles	Logan to Wealthy Ave	9	346	2	.....	.....	Jas. McDermott
N. Front	Eleventh to W. Leonard	10	525	5	1,567 00	1,730 00	John and Peter VanEss
Salem Ave	Hall to Home Ave	9	1,335	3	539 00	644 00	Henry Miller
Fifth Ave.	Kalamazoo to Neland Ave	12	578	3	685 00	805 00	Peter VanderVeen
Donald	Wealthy Ave., north	15	329	3	428 00	528 00	City
Elm Ave	Buchanan, east	9	520	3	.....	.....	Miller & Gilner
*Buchanan	Hall to Burton Ave.	9	667	.....	.....	.....	Chas. Connell
*Brown Ave	S. Division, west	9	316	.....	.....	.....	Chas. Connell
*Canal	Newberry to Coldbrook	9	475	.....	.....	.....	Mathewson & Kloote
*Walbridge	Across Canal St	12	298	.....	.....	.....	Leonard Schneider
*Mason	Across Canal St	15	536	.....	.....	.....	.....
*N. Diamond	Land, south to creek	18	1614	.....	.....	.....	.....
*Newberry	Canal to the river	24	550	.....	.....	.....	.....

NOTE—The Elm Avenue storm sewer, noted above, was laid by the city, by day labor, about the middle of December, 1900, and cost \$82.04. The storm sewers marked thus * in the table, were part of street improvement contracts.

The foregoing work increases the sewer system of the city 5.858 miles.

The length of sewers in the city is as follows:

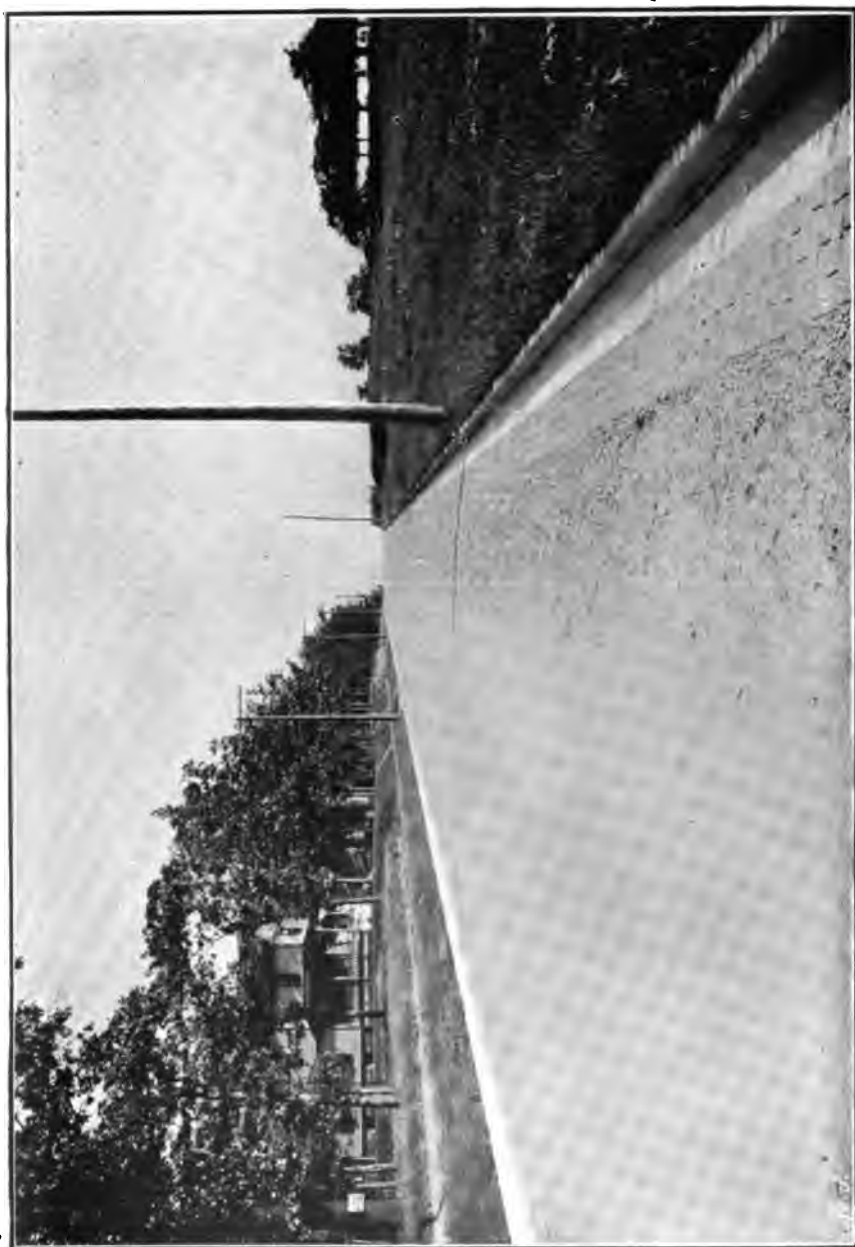
Combined system	108.418
Separate system { Sanitary	11.778
Storm	9.861

Composed of the following:

Brick	23.408
Vitrified pipe.....	104.923
Cement pipe.....	.100
Wrought iron pipe.....	.160
Cast iron pipe .....	.224
Concrete sewer	1.242

Total 130.057

In connection with this system there are 2,242 man-holes and 3.451 catch basins.



SOUTH FULLER STREET—Screened Gravel pavement. Roadway 30 feet; combined curb and gutter with brick gutter 18 inches wide. Photographed June, 1901.

WATER WORKS.

Due to the accident in laying the Canal street main, and the break in the Reservoir, the available funds for laying water mains have been limited.

The 16-inch pipes purchased to lay in South Diamond street was used to extend the high service main in Canal street, from Bridge to Pearl streets. This will greatly increase the fire protection in the business district.

No new pipe was purchased other than to keep sufficient in stock for repairs. All pipes laid were from the supply purchased the preceding year.

New mains to the extent of 1.77 miles have been laid during the year. In connection with this work, 23 hydrants and 25 valves have been set.

April 8, 1901, your honorable body directed me "to prepare plans and specifications for the improvement of our city water supply." Since that time all available time not absolutely necessary for the routine work of the department has been devoted to the preparation of such plans and specifications. It is hoped to have them ready for your consideration in the near future.

The water mains laid during the past year are shown in the accompanying table:

WATER MAINS.

STREET	EXTENT	DISTANCE IN FEET FROM					DIAMETER IN INCHES					
		E | W | N | S										
		STREET LINE					4	6	8	10	12	16
North Diamond.	East Bridge to Flat.	22					384	1,039				
Canal	East Bridge to Pearl	35										1,460
Stow	Fremont to west end of street			20			398					
Auburn Avenue.	Lake to Hope avenues		20				594					
Sweet	North College avenue, east					143		21				
Kent Country Club Ground.	Sweet street, north					382						
Center	Sweet to Dean.	25					1,600					
Woodmere Court	Wealthy to Robinson avenues	20					868					
Laurel	Grandville to Oakland avenues			25			449					
South Market	Wealthy avenue, southwest.	25						360				
Crosby	Elizabeth to Hamilton			25			638					
Morrison (private).	Extension of, in private way			17		237						
Gay (private).	Fulton to Washington	20					620					

*Laid by the city under the direction of the general superintendent.

The total cost of the above work, as reported by the secretary, was \$7,312.81.

The total length of mains in the city water works system is 143.42 miles.

Total number of hydrants, 1,317. Total number of valves, 1,305.

RECAPITULATION.

Cost of street improvements, \$196,193.00,	
upon which has been paid	\$ 16,443 00
Paid in settlement of old work.....	62,841 00
Cost of sewers.....	45,177 00
Cost of bridge repairs.....	375 17
Water works extension, mains	7,312 81
Total	<u>\$132,148 98</u>

The expenses of this department have been as follows:

Salaries (charged to general fund).....	\$ 5,511 28
Salaries (charged to special improvements) ..	1,683 21
Inspection	5,669 57
Transportation	357 70
Supplies and repairs	100 81
Livery (single rig).....	131 00
Postage	25 67
Express.....	1 05
Total	<u>\$ 13,480 29</u>

The demands upon the department are steadily increasing with each year, as the public comes to appreciate the value and condition of the records on file. It has been the endeavor of the department in the past to have all information filed and indexed for ready reference. This policy should be continued with such expansion as the increasing work demands.

Surveys of the business portion of the city west of Division street have been made with the purpose of making large scale maps showing all buildings and property lines, and all underground pipes, conduits, etc. The need for such maps is becoming very urgent, and sufficient help should be retained through the coming winter to plat up the surveys already made.

Notwithstanding the increased amount of work the past year, the number of employes in the department has been less than for several years. This has increased the work of all, and it is to their hearty co-operation and willingness to work overtime the greater share of the busy season that should be credited whatever success attended the past season's work. Most of the employes have been connected with the department for from five to twelve years, and their services are such as can be given only by those thoroughly familiar with the conditions and records of the city. Their services should only be dispensed with when adequate compensation will not retain them.

I desire to thank you individually and as a body for the advice, consideration and support that you have given me in all the operations of the year.

Respectfully submitted,

L. W. ANDERSON,

Acting City Engineer.

INDEX.

A

	PAGE
Auditing department	3
Appointive officers.....	11-12
Annual report of Mayor and Clerk	63
Annual report of City Treasurer	79
Annual report of City Comptroller	106
Annual report of City Attorney	74
Annual report of Building Inspector	360
Annual report Board of Assessors	289
Annual report of City Marshal	294
Annual report of Poor Commissioners	299
Annual report of City Physician	315
Annual report of Cemetery Commissioners	361
Annual report of Board Public Works	367
Annual report of Board of Health	361
Alley South Ionia street improvement	162

B

Board of Public Works	7-365
Board of Police and Fire Commissioners.....	7
Board of Health	319
Board of Assessors.....	8 289
Board of Cemetery Commissioners	361
Board of Poor Commissioners	4-297
Board of Education.....	9-10
Board of Education fund	129
Building Inspector	360
Bonded offices	12
Budget 1899-1900	136
Bridge fund, comptroller.....	130
Barth street improvement.....	148
Brown avenue improvement.....	150
Bradford street improvement	139
Bates street improvement.....	149
Bridge street (East) improvement	149
Buchananan street improvement	150
Bonded debt.	268
Bills reported without recommendation	273

C

City officers	3-5
Common Council	5-111
Council committees.....	5

	PAGE
City Attorney's report	72
CLERK'S REPORT	67
Bonded indebtedness	68
Direct taxation	68
Special taxation	69
Sewer assessments	70
Recapitulation	70
Special receipts	70
City Hall interest fund	135
Contingent fund, comptroller	117
CITY COMPTROLLER REPORT	105
Annual message	105
City depository	110
M. A. Frost City, Treasurer	138
General fund	110
Common Council	111
City Comptroller's office expenditures	112
City Clerk's office expenditures	113
City Treasurer's office expenditures	113
City Tax Department expenditures	113
City Attorney's office expenditures	112
City Marshall's office expenditures	112
Comparative statement	145
Board of Health expenditures	125
Board of Public Works expenditures	114
Board of Assessor's expenditures	115
Building Inspector's expenditures	114
Budget	144
Milk Inspector's expenditures	115
City Hall expenditures	114
Firemen's fund	115
Firemen's fund expenditures	115
Police fund	116
Police fund expenditures	116
Poor fund	117
Poor fund expenditures	117
Supply store expenditures	117
Contingent fund	117
Contingent fund expenditures	118
Superior Court fund	118
Superior Court expenditures	119
Police Court fund	119
Police Court expenditures	119

INDEX.

iii

PAGE

Justice Court fund	119
Justice Court expenditures	119
Park fund	120
Park fund expenditures	120
John Ball Park fund	120
John Ball Park expenditures	120
Lincoln Park fund	121
Antoine Campau Park fund	121
Greenhouse fund	122
Market site	122
Public Lighting fund	123
Daily statement	242
Realty owned by city	245
Personal property owned by city	247
Police Department	247
Fire Department	247
City Hall	247
Water Works	247
Board of Education	247
Supply store	310
First highway district	248
Second highway district	252
Third highway district	254
City Marshal	256
Valley City cemetery	258
Oak Hill cemetery	258
Greenwood cemetery	257
City parks	260
John Ball park	261
East side parks	260
Lincoln park	263
City greenhouses	264
Bonded indebtedness	268
Assessed valuation	272
Bills reported without recommendation	273
Orders in Comptroller's office not called for	274
Tax titles	109
Quit claims issued	278
Salaries of city employees	285
Cemetery commissioners	361
City Marshal	294
Crawford street improvement	158
Campau street improvement	151

	PAGE
Caulfield avenue improvement	151
Crescent avenue improvement	154
Cherry street improvement	152
College avenue (South) improvement	153
Canal street improvement	150
Center street improvement	152
Cedar street sewer	152
Colfax and Coit avenue sewer	153
Crescent court improvement	153
D	
Daily statement	242
Diamond street improvement	154
Division street (South) improvement	156
Dennis street improvement	156
Dickenson avenue improvement	155
Donald street sewer	156
E	
Executive department	3
Engineering department	4
Electric light fund	124
Elective officers	10
Euclid avenue improvement	157
Eighth avenue improvement	156
Elm avenue improvement	156
F	
Fourth National bank	79
Fire department fund, treasurer	86
Fire department fund, comptroller	115
Fuller street (South) improvement	158
Front street (North) sewer	153
Fifth avenue improvement	158
Fifth avenue sewer	157
Fitz Hugh street improvement	157
Fair street improvement	157
Fulton street (East) improvement	159
G	
General fund, treasurer	85
General fund, comptroller	110
Garbage burner fund	125
Greenwood Cemetery fund, treasurer	95
Greenwood Cemetery fund, comptroller	128
General taxes fund, comptroller	136
General tax collections	136

INDEX.

V
PAGE

Grand avenue improvement	159
Grandville avenue improvement	160
Grand Rapids National bank	79
Grove street improvement	160
Garden street improvement	159
Godfrey avenue sewer	159
Godfrey avenue improvement	159

H

Highway commissioners	8
Highway funds, treasurer	86
Highway funds, comptroller	132
Health fund	125
Helen avenue improvement	160
Hermitage street improvement	161
Highland avenue improvement	161
Haifley place improvement	160
Hilton and First avenue sewer	161
Home avenue improvement	161

I

Ionia street (North) improvement	162
Ionia street (South) improvement	162
Ives avenue improvement	162

J

Justice Court	9
Justice Court fund, treasurer	93
Justice Court fund, comptroller	119
John Ball Park fund, treasurer	94
John Ball Park fund, comptroller	120
John Ball Park extension	120
Jackson street improvement	162
Jefferson avenue improvement	163

K

Kalamazoo avenue improvement	163
------------------------------------	-----

L

Legal department	3
Lincoln Park fund, treasurer	94
Lincoln Park fund, comptroller	121
Library fund	130
Lake avenue improvement	164
Livingston street improvement	165
Logan street sewer	165
Lyon street improvement	166

	PAGE
Lyon street sewer	165
La Belle avenue improvement	164
Laurel street improvement	164
Luton court improvement	165
M	
Marshal's department	4-294
Mayor Perry's Address to retiring Council	13
Mayor and clerk's report	67
Market fund	96-136
Madison street improvement	166
Madison avenue improvement	166
Marion street improvement	166
Mechanic street improvement	167
Mills street improvement	167
N	
Newbery street improvement	167
New England place improvement	167
O	
Oakes street improvement	167
Orders not called for	274
Ottawa street improvement	168
P	
Police Court	8
Police Court fund, comptroller	119
Police Department fund, treasurer	86
Police Department fund, comptroller	116
Police and Fire pension fund	130
Park fund, treasurer	93
Park fund, comptroller	120
Poor fund, treasurer	92
Poor fund, comptroller	117
Public lighting fund, treasurer	91
Public lighting fund, comptroller	123
Plumbing Inspector	125
Paris avenue improvement	169
Paris avenue sewer	169
Prospect street (North) improvement	171
Prospect street (South) improvement	171
Prince street improvement	170
Plainfield avenue improvement	170
Palmer avenue improvement	169
Pine street (North) sewer	169
Q	
Quit claim deeds	278

INDEX.

vii
PAGE

R

Road roller fund	130
Realty owned by city	245
Robinson avenue improvment	171
Reservoir.....	127
Redemption fund	129
Robey street improvement	171
Rose street improvement	171
Rumsey street sewer	172

S

Superior Court	8
Superior Court fund, treasurer.....	93
Superior Court fund, comptroller	118
Sinking fund	129
Special bond fund	129
Sewer district fund, treasurer.....	90
Sewer district fund, comptroller.....	131
Street improvement bonds fund, comptroller.....	147
School and delinquent tax	139
Supply store.....	118 310
Sibley street improvement	172
Sweet street improvement.....	173
Sheldon street improvement	172
Stewart avenue improvement	173
Salem avenue sewer	172
Spencer avenue improvement	173
Steele avenue improvement	173
Salaries of city employees.....	285

T

Treasurer's Department.....	3
TREASURER'S REPORT	79
Receipts and disbursements.....	81
List of orders not presented at bank.....	80
General fund	85
Fire Department fund	86
Police Department fund	86
Police and Fire pension fund.....	96
John Ball Park fund	94
John Ball Park Extension fund	97
Park fund.....	93
Public lighting fund	91
Market site fund	96
Poor fund	92
Library fund	92
Lincoln Park fund	94
City Hall interest fund	96
Water Works interest fund	94

